

## Antibodies targeting Tumor Associated Carbohydrate Antigens (TACAs)

|                |                                                                                                                                                                                      |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form           | Liquid                                                                                                                                                                               |
| Storage buffer | 0.01M PBS, pH 7.4 (besides 0.01M PBS, pH 7.4, 0.09% Sodium azide: Anti-sLea/CA19-9 Antibody (7E3#) (Art. No. WM-TACA17); Anti-Human Lewis Y Antibody (SAA1434) (Art. No. WM-TACA19)) |
| Clonality      | Monoclonal (besides Research Grade Anti-Human Fucosyl-GM1 Antibody (BMS-986012) (Art. No. WM-TACA14))                                                                                |
| Purification   | Protein A/G purified from cell culture supernatant (besides Protein L purified from cell culture supernatant: Anti-Ganglioside GM1 hIgM Antibody (WO1) (Art. No. WM-TACA60))         |
| Applications   | (Functional) assays, research & development                                                                                                                                          |
| Note           | For research use only. Not suitable for clinical or therapeutic use.                                                                                                                 |

| Art. No.  | Product name                                                                                                                        | Host species | Species reactivity | Isotype     | Target                                                                                                                                                                                                                                                                                                                                                                          |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WM-TACA01 | Anti-NeuGcGM3/GM3 Antibody (14F7)                                                                                                   | Mouse        | General            | IgG1, kappa | NeuGcGM3, Ganglioside N-glycolyl GM3, N-glycolylneuraminic acid -NeuGc, NGNA-GM3 ganglioside, NeuGcGM3                                                                                                                                                                                                                                                                          |
| WM-TACA02 | Research Grade Pankomab                                                                                                             | Human        | Human              | IgG1-kappa  | PEMT, CA 15-3, H23AG, Peanut-reactive urinary mucin, PEM, EMA, Cancer antigen 15-3, MUC-1, Episialin, MUC1-CT, MUC1-beta, Tumor-associated mucin, CD227, Polymorphic epithelial mucin, KL-6, MUC1-alpha, MUC1, PUM, Krebs von den Lungen-6, MUC1-NT, Tumor-associated epithelial membrane antigen, Mucin-1, Breast carcinoma-associated antigen DF3, Carcinoma-associated mucin |
| WM-TACA03 | Research Grade Minretumomab (Alternative name: MabCC-49, 195189-17-4, sTn)                                                          | Mouse        | Human              | IgG1-nd     | TAG-72                                                                                                                                                                                                                                                                                                                                                                          |
| WM-TACA04 | Research Grade Ecomeximab (Alternative name: KM871, KW-2871, CAS: 292819-64-8)                                                      | Chimeric     | General            | IgG1-kappa  | Ganglioside GD3                                                                                                                                                                                                                                                                                                                                                                 |
| WM-TACA05 | Research Grade Racotumomab (Alternative name: 1E10, 946832-34-4)                                                                    | Mouse        | General            | IgG1-kappa  | Idiotope of anti-(N-glycolylneuraminic acid (NeuGc, NGNA) -gangliosides GM3) Mus musculus IgM-kappa monoclonal antibody P3/chP3                                                                                                                                                                                                                                                 |
| WM-TACA06 | Research Grade HuCC49 (Alternative name: H22, MDX-33, H52, Huh52, HCC49, HuCC49, 823788-82-5)                                       | Humanized    | Human              | IgG1-nd     | TAG-72                                                                                                                                                                                                                                                                                                                                                                          |
| WM-TACA07 | Research Grade Anti-Human Lewis Y (cBR96) (Alternative name: SGN-15, SGN15, SGN15, PubChemCID:45266908)                             | Humanized    | Human              | IgG1-kappa  |                                                                                                                                                                                                                                                                                                                                                                                 |
| WM-TACA08 | Research Grade Dinutuximab (Alternative name: 14.18, Mab-14.18, MOABCh14.18, CAS: 1363687-32-4, DGK07804)                           | Chimeric     | General            | IgG1-kappa  | Ganglioside GD2                                                                                                                                                                                                                                                                                                                                                                 |
| WM-TACA09 | Research Grade Anti-Ganglioside GD2 (ATL301) (Alternative name: ATL301)                                                             | Human        | General            | IgG         | Ganglioside GD2                                                                                                                                                                                                                                                                                                                                                                 |
| WM-TACA10 | Research Grade Anti-Ganglioside GD3 (PF-06688992) (Alternative name: PF-06688992, PF06688992, PF06688992)                           | Human        | General            | IgG         | Ganglioside GD3                                                                                                                                                                                                                                                                                                                                                                 |
| WM-TACA11 | Research Grade Anti-Human Lewis Y (MB 311) (Alternative name: MB-311, MB311, MB311)                                                 | Human        | Human              | IgG         | Lewis Y                                                                                                                                                                                                                                                                                                                                                                         |
| WM-TACA12 | Research Grade Anti-Human Lewis Y (MB 314) (Alternative name: MB-314, MB314, MB314)                                                 | Human        | Human              | IgG         | Lewis Y                                                                                                                                                                                                                                                                                                                                                                         |
| WM-TACA13 | Research Grade Anti-Human TAG-72 Antibody (CC49) (Alternative name: TAG-72, TAG, HMWmucin-likeglycoprotein, CA72-4)                 | Mouse        | Human              | IgG1        | TAG-72                                                                                                                                                                                                                                                                                                                                                                          |
| WM-TACA14 | Research Grade Anti-Human Fucosyl-GM1 Antibody (BMS-986012) (Alternative name: BMS986012, BMS-986012(HUMANANTIFUCOSYL-GM1ANTIBODY)) | Human        | Human              | IgG1, kappa | Fucosyl-GM1, FucGM 1                                                                                                                                                                                                                                                                                                                                                            |

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| WM-TACA15 | Anti-Human MUC1-Tn/STn Antibody (5E5#)            | Human | Human                                                   | IgG1         | PEMT, CA 15-3, H23AG, Peanut-reactive urinary mucin, PEM, EMA, Cancer antigen 15-3, MUC-1, Episialin, MUC1-CT, MUC1-beta, Tumor-associated mucin, CD227, Polymorphic epithelial mucin, KL-6, MUC1-alpha, MUC1, PUM, Krebs von den Lungen-6, MUC1-NT, Tumor-associated epithelial membrane antigen, Mucin-1, Breast carcinoma-associated antigen DF3, Carcinoma-associated mucin, RHD14201, MUC1-Tn/STn |
| WM-TACA16 | Anti-sLea/CA19-9 Antibody (1116NS19.9)            | Mouse | Human                                                   | IgG2a        | CA19-9, CA199, Cancer Antigen 19-9, Cancer Antigen 199, sLea, Sialyl Lewis A                                                                                                                                                                                                                                                                                                                           |
| WM-TACA17 | Anti-sLea/CA19-9 Antibody (7E3#)                  | Human | Human                                                   | IgG1         | CA19-9, CA199, Cancer Antigen 19-9, Cancer Antigen 199, sLea, Sialyl Lewis A                                                                                                                                                                                                                                                                                                                           |
| WM-TACA18 | Anti-Human CD15/SSEA-1/Lewis x Antibody (SAA1433) | Mouse | Human                                                   | IgG2a, kappa | Alpha-(1, 3)-fucosyltransferase 4, ELAM-1 ligand fucosyltransferase, Fucosyltransferase 4, Fucosyltransferase IV, Galactoside 3-L-fucosyltransferase, Fuc-TIV, FCT3A, FUT4, ELFT, FucT-IV                                                                                                                                                                                                              |
| WM-TACA19 | Anti-Human Lewis Y Antibody (SAA1434)             | Mouse | Human                                                   | IgG2a, kappa | alpha-L-Fucp-1-2-beta-D-Galp-1-4(alpha-L-Fucp-1-3)-beta-D-GlcpNAc, Fuc-1-2-Gal-1-4-(Fuc-1-3)GlcNAc, Le(Y) antigen, Lewis Y antigen, Lewis Y tetrasaccharide, Lewis Y                                                                                                                                                                                                                                   |
| WM-TACA20 | Anti-TF-Ag Antibody (NM-TF1)                      | Mouse |                                                         | IgG2a, kappa | T-Ag, TF-Ag, T antigen, TF epitope, Thomsen-Friedenreich epitope, $\beta$ -D-Galp-(1 $\rightarrow$ 3)-D-GalpNAc, Gal $\beta$ 1-3GalNAc, (Gal)1 (GalNAc)1                                                                                                                                                                                                                                               |
| WM-TACA21 | Anti-TF-Ag Antibody (NM-TF2)                      | Mouse |                                                         | IgG2a, kappa | T-Ag, TF-Ag, T antigen, TF epitope, Thomsen-Friedenreich epitope, $\beta$ -D-Galp-(1 $\rightarrow$ 3)-D-GalpNAc, Gal $\beta$ 1-3GalNAc, (Gal)1 (GalNAc)1                                                                                                                                                                                                                                               |
| WM-TACA22 | Anti-TF-Ag Antibody (Karo11)                      | Mouse |                                                         | IgG2a, kappa | T-Ag, TF-Ag, T antigen, TF epitope, Thomsen-Friedenreich epitope, $\beta$ -D-Galp-(1 $\rightarrow$ 3)-D-GalpNAc, Gal $\beta$ 1-3GalNAc, (Gal)1 (GalNAc)1                                                                                                                                                                                                                                               |
| WM-TACA23 | Anti-SSEA-3/GalGb4 Antibody (2A9)                 | Mouse | Human                                                   | IgG2a, kappa | Galactosylgloboside, Gb5Cer, SSEA-3, GalGb4                                                                                                                                                                                                                                                                                                                                                            |
| WM-TACA24 | Anti-SSEA-3/GalGb4 Antibody (3A9)                 | Mouse | Human                                                   | IgG2a, kappa | Galactosylgloboside, Gb5Cer, SSEA-3, GalGb4                                                                                                                                                                                                                                                                                                                                                            |
| WM-TACA25 | Anti-SSEA-3/GalGb4 Antibody (5A3)                 | Mouse | Human                                                   | IgG2a, kappa | Galactosylgloboside, Gb5Cer, SSEA-3, GalGb4                                                                                                                                                                                                                                                                                                                                                            |
| WM-TACA26 | Anti-SSEA-3/GalGb4 Antibody (8A7)                 | Mouse | Human                                                   | IgG2a, kappa | Galactosylgloboside, Gb5Cer, SSEA-3, GalGb4                                                                                                                                                                                                                                                                                                                                                            |
| WM-TACA27 | Anti-Ganglioside GM2 Antibody (E1)                | Mouse |                                                         | IgG2a, kappa | Ganglioside GM2, Monosialoganglioside GM2, GM2 lipid                                                                                                                                                                                                                                                                                                                                                   |
| WM-TACA28 | Anti-NeuGcGM3/GM3 Antibody (chP3)                 | Mouse |                                                         | IgG2a, kappa | NeuGcGM3, Ganglioside N-glycolyl GM3, N-glycolylneuraminic acid -NeuGc, NGNA-GM3 ganglioside, NeuGcGM3                                                                                                                                                                                                                                                                                                 |
| WM-TACA29 | Anti-Ganglioside GD3 Antibody (SAA0321)           | Human |                                                         | IgG1, kappa  | Ganglioside GD3                                                                                                                                                                                                                                                                                                                                                                                        |
| WM-TACA30 | Anti-Ganglioside GD2 Antibody (SAA0322)           | Human |                                                         | IgG1, kappa  | Ganglioside GD2                                                                                                                                                                                                                                                                                                                                                                                        |
| WM-TACA31 | Anti-Ganglioside GD2 Antibody (3F8)               | Human |                                                         | IgG1, kappa  | Ganglioside GD2                                                                                                                                                                                                                                                                                                                                                                                        |
| WM-TACA32 | Anti-NPrPSA Antibody (13D9)                       | Mouse | group B meningococci, Escherichia coli capsular type K1 | IgG2a, kappa | NPrPSA, N-propionylated polysialic acid, N-propionylated PSA                                                                                                                                                                                                                                                                                                                                           |
| WM-TACA33 | Anti-Human CA72-4/TAG72 Antibody (B72.3)          | Mouse | Human                                                   | IgG1, kappa  | TAG-72, TAG72, HMW mucin-like glycoprotein, Cancer antigen 72-4, CA 72-4, CA 72-4/TAG72, STn, TAG-72                                                                                                                                                                                                                                                                                                   |
| WM-TACA34 | Anti-Ganglioside GM3/NeuGcGM3 Antibody (SAA0555)  | Mouse | General                                                 | IgG2a        | Ganglioside N-glycolyl GM3, N-glycolylneuraminic acid -NeuGc, NGNA-GM3 ganglioside, NeuGcGM3, sialic acid N-glycolylneuraminic acid Neu5Gc                                                                                                                                                                                                                                                             |
| WM-TACA35 | InVivoMAb Anti-sLea/CA19-9 Antibody (Iv0123)      | Human | Human                                                   | IgG1         | CA19-9, CA199, carbohydrate antigen sialyl Lewis (a), sLea, CA19.9, Sialyl Lewis A                                                                                                                                                                                                                                                                                                                     |
| WM-TACA36 | Anti-sLea/CA19-9 Antibody (SAA0808)               | Human | Human                                                   | IgG1         | CA19-9, CA199, Carbohydrate antigen199, Carbohydrate antigen 19-9, Sialyl Lewis A                                                                                                                                                                                                                                                                                                                      |

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| WM-TACA37 | Anti-Ganglioside GD2 Antibody (ME36.1)                      | Mouse | General | IgG2a        | Ganglioside GD2, 65988-71-8                                                                                                                                                                                                                                           |
| WM-TACA38 | Anti-Ganglioside GD2 Antibody (14G2a)                       | Human | General | IgG1, kappa  | Ganglioside GD2, 65988-71-8                                                                                                                                                                                                                                           |
| WM-TACA39 | Anti-Ganglioside GD2 Antibody (AB527)                       | Mouse | General | IgG2a        | Ganglioside GD2, 65988-71-8                                                                                                                                                                                                                                           |
| WM-TACA40 | Anti-Neu5Ac/O-sialic acid/Polysialic acid Antibody (Ab735)  | Mouse | General | IgG2a        | Polysialic acid, alpha(2, 8)-linked sialic acid polysaccharide, alpha-2, 8-linked sialic acid polymer, SIA, O-Sialic acid, alpha-Neu5Ac, N-acetyl-alpha-neuraminic acid                                                                                               |
| WM-TACA41 | Anti-Ganglioside GD3 Antibody (R24)                         | Human | General | IgG1         | Disialoganglioside GD3, GD3 ganglioside, alpha-N-acetylneuraminosyl-(2→8)-alpha-N-acetylneuraminosyl-(2→3)-beta-D-galactosyl-(1→4)-beta-D-glucosyl-(1↔1')-ceramide                                                                                                    |
| WM-TACA42 | Anti-Human CD175/Tn Antibody (KM3413)                       | Mouse | Human   | IgG2a, kappa | Tn antigen saccharide, N-acetyl-alpha-D-galactosamine, GalNAcalpha1-O-Ser/Thr/Tyr                                                                                                                                                                                     |
| WM-TACA43 | Anti-Human TAG-72 Antibody (ACT19)                          | Mouse | Human   | IgG2a, kappa | Tumour associated glycoprotein 72, TAG-72, TAG72, HMW mucin-like glycoprotein, Cancer antigen 72-4, CA 72-4                                                                                                                                                           |
| WM-TACA44 | Anti-Human CD175s/STn Antibody (L2A5)                       | Mouse | Human   | IgG2a, kappa | Sialyl-Thomsen nouveau, Sialyl-Thomsen-nouveau, STn, Sialyl Tn                                                                                                                                                                                                        |
| WM-TACA45 | Anti-Human CD175s/STn Antibody (MLS102)                     | Mouse | Human   | IgG2a, kappa | Sialyl-Thomsen nouveau, Sialyl-Thomsen-nouveau, STn, Sialyl Tn                                                                                                                                                                                                        |
| WM-TACA46 | Anti-Human CD175s/STn Antibody (LLU9B4)                     | Mouse | Human   | IgG2a, kappa | Sialyl-Thomsen nouveau, Sialyl-Thomsen-nouveau, STn, Sialyl Tn                                                                                                                                                                                                        |
| WM-TACA47 | Anti-Human CD175s/STn Antibody (3P9)                        | Mouse | Human   | IgG2a, kappa | Sialyl-Thomsen nouveau, Sialyl-Thomsen-nouveau, STn, Sialyl Tn                                                                                                                                                                                                        |
| WM-TACA48 | Anti-Human CD175s/STn Antibody (SGN-STNV)                   | Mouse | Human   | IgG2a, kappa |                                                                                                                                                                                                                                                                       |
| WM-TACA49 | Anti-TF epitope/T-Ag Antibody (JAA-F11)                     | Mouse | General | IgG2a, kappa | T-Ag, TF-Ag, T antigen, TF epitope, Thomsen-Friedenreich epitope, beta-D-Galp-(1→3)-D-GalpNAc, Galbeta1-3GalNAc, (Gal)1 (GalNAc)1, CD176                                                                                                                              |
| WM-TACA50 | InVivoMAb Anti-Blood group H antigen/Globo H Antibody (R28) | Human |         | IgG1, kappa  | Blood group H antigen                                                                                                                                                                                                                                                 |
| WM-TACA51 | InVivoMAb Anti-Globo H Antibody (2C2)                       | Mouse |         | IgG2a        | Blood group H antigen                                                                                                                                                                                                                                                 |
| WM-TACA52 | InVivoMAb Anti-Globo H Antibody (OBI-888)                   | Mouse |         | IgG2a        | Blood group H antigen                                                                                                                                                                                                                                                 |
| WM-TACA53 | InVivoMAb Anti-SSEA4 antibody (OB1-898)                     | Mouse | Human   | IgG2a        | SSEA4, OB1-898, OB1 898, OB1898, OBI-898, OBI 898, OBI898                                                                                                                                                                                                             |
| WM-TACA54 | InVivoMAb Anti-SSEA4 Antibody (FG28/11)                     | Mouse | Human   | IgG1         | SSEA4                                                                                                                                                                                                                                                                 |
| WM-TACA55 | InVivoMAb Anti-SSEA4 Antibody (muMAb1)                      | Mouse | Human   | IgG2a        | SSEA4                                                                                                                                                                                                                                                                 |
| WM-TACA56 | InVivoMAb Anti-SSEA4 Antibody (muMAb2)                      | Mouse | Human   | IgG2a        | SSEA4                                                                                                                                                                                                                                                                 |
| WM-TACA57 | Anti-Lewis Y antigen Antibody (H18A)                        | Human | Human   | IgG1, kappa  | Alpha-(1, 3)-fucosyltransferase 4, 4-galactosyl-N-acetylglucosaminide 3-alpha-L-fucosyltransferase, 2.4.1.152, ELAM-1 ligand fucosyltransferase, Fucosyltransferase 4, Fucosyltransferase IV, Fuc-TIV, FucT-IV, Galactoside 3-L-fucosyltransferase, FUT4, ELFT, FCT3A |
| WM-TACA58 | Anti-Ganglioside GM1 Antibody (F6)                          | Human | Human   | IgG1, kappa  | Ganglioside GM1, Ganglioside A2, Ganglioside G4, Ganglioside GGtet1, Ganglioside Gl, Monosialoganglioside GM1                                                                                                                                                         |
| WM-TACA59 | Anti-Ganglioside GM1 Antibody (WO1)                         | Human | Human   | IgG1, kappa  | Ganglioside GM1, Ganglioside A2, Ganglioside G4, Ganglioside GGtet1, Ganglioside Gl, Monosialoganglioside GM1                                                                                                                                                         |
| WM-TACA60 | Anti-Ganglioside GM1 hlgM Antibody (WO1)                    | Human | Human   | IgM          | Ganglioside GM1, Ganglioside A2, Ganglioside G4, Ganglioside GGtet1, Ganglioside Gl, Monosialoganglioside GM1                                                                                                                                                         |