B3GNT3 Conjugated Antibody

Catalog No: #C43842

Package Size: #C43842-AF350 100ul #C43842-AF405 100ul #C43842-AF488 100ul #C43842-AF555 100ul #C43842-AF594 100ul #C43842-AF647 100ul #C43842-AF680 100ul #C43842-AF750 100ul #C43842-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	B3GNT3 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total B3GNT3 protein.
Immunogen Description	Synthetic peptide of human B3GNT3
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	TMEM3;B3GN-T3;B3GNT-3;HP10328;B3GAL-T8;beta3Gn-T3
Accession No.	Swiss-Prot#:Q9Y2A9NCBI Gene ID:10331NCBI mRNA#:NCBI Protein#:NP_055071
Uniprot	Q9Y2A9
GeneID	10331;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	43
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°Cin dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase family. This enzyme is a type II transmembrane protein and contains a signal anchor that is not cleaved. It prefers the substrates of lacto-N-tetraose and lacto-N-neotetraose, and is involved in the biosynthesis of poly-N-acetyllactosamine chains and the biosynthesis of the backbone structure of dimeric sialyl Lewis a. It plays dominant roles in L-selectin ligand biosynthesis, lymphocyte homing and lymphocyte trafficking.

Note: This product is for in vitro research use only