ST6GALNAC4 Conjugated Antibody

Catalog No: #C27832

SAB Signalway Antibody

Package Size: #C27832-AF350 100ul #C27832-AF405 100ul #C27832-AF488 100ul

#C27832-AF555 100ul #C27832-AF594 100ul #C27832-AF647 100ul

#C27832-AF680 100ul #C27832-AF750 100ul #C27832-Biotin 100ul

Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

Description

Clonality Polyclonal Isotype IgG Purification Affinity purification Applications most applications Species Reactivity Hu.Ms Immunogen Description Recombinant fusion protein of human ST6GALNAC4 (NP_778204.1). Conjugates Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 Other Names ST6GALNAC4; IV; SIAT3-C; SIAT3C; SIAT7-D; SIAT7D; ST6GALNACIV; ST6GalNAC; ST6 N-acetylgalactosaminide alpha-2,6-sialyltransferase 4 Accession No. Swiss-Prot#:Q9H4F1NCBI Gene ID:27090 Uniprot Q9H4F1 GeneID 27090; Excitation Emission AF350: 346nm/442nm AF405: 401nm/421nm AF465: 493nm/519nm AF565: 555nm/565nm AF594: 591nm/614nm AF676: 651nm/667nm AF680: 679nm/702nm AF680: 679nm/702nm AF50: 749nm/775nm Calculated MW 34kDa Formulation 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide	Product Name	ST6GALNAC4 Conjugated Antibody
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	Calculated MW	34kDa
Storage Store at 4°C in dark for 6 months	Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
	Storage	Store at 4°C in 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

The protein encoded by this gene is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The encoded protein prefers glycoproteins rather than glycolipids as substrates and shows restricted substrate specificity, utilizing only the trisaccharide sequence Neu5Ac-alpha-2,3-Gal-beta-1,3-GalNAc. In addition, it is involved in the synthesis of ganglioside GD1A from GM1B. The encoded protein is normally found in the Golgi apparatus but can be proteolytically processed to a soluble form. This protein is a member of glycosyltransferase family 29. Transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only