ST3GAL3 Conjugated Antibody

Catalog No: #C39153

Package Size: #C39153-AF350 100ul #C39153-AF405 100ul #C39153-AF488 100ul #C39153-AF555 100ul #C39153-AF594 100ul #C39153-AF647 100ul #C39153-AF680 100ul #C39153-AF750 100ul #C39153-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	ST3GAL3 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total ST3GAL3 antibody.
Immunogen Description	Recombinant protein of human ST3GAL3.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ST3N; MRT12; SIAT6; EIEE15; ST3GALII; ST3GalIII;
Accession No.	Swiss-Prot#:Q11203NCBI Gene ID:6487
Uniprot	Q11203
GeneID	6487;
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	42
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 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. Mutations in this gene have been associated with autosomal recessive nonsymdromic mental retardation-12 (MRT12). Multiple transcript variants encoding several different isoforms have been found for this gene.

Note: This product is for in vitro research use only