

SIGLEC6 Conjugated Antibody

Catalog No: #C37473



Package Size: #C37473-AF350 100ul #C37473-AF405 100ul #C37473-AF488 100ul
 #C37473-AF555 100ul #C37473-AF594 100ul #C37473-AF647 100ul
 #C37473-AF680 100ul #C37473-AF750 100ul #C37473-Biotin 100ul

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Description

Product Name	SIGLEC6 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SIGLEC6 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human sialic acid binding Ig-like lectin 6
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CD327; CD33L; OBBP1; CD33L1; CD33L2; CDW327
Accession No.	Swiss-Prot#:O43699NCBI Gene ID:946NCBI mRNA#:NCBI Protein#:NP_001186438
Uniprot	O43699
GeneID	946;
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	50
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 SIGLEC6 gene is located on chromosome 19q13.3, which is where the CD33 gene is located. Putative adhesion molecule that mediates sialic-acid dependent binding to cells. Binds to alpha-2,6-linked sialic acid. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface. Expressed at high levels in placenta (cyto- and syncytiotrophoblastic cells) and at lower levels in spleen, peripheral blood leukocytes (predominantly B-cells) and small intestine.

Note: This product is for in vitro research use only