

Mouse SIGLEC12 Monoclonal Antibody | anti-SIGLEC12 antibody

SIGLEC12 (Sialic Acid-binding Ig-like Lectin 12, Siglec-12, Siglec-XII, S2V, Sialic Acid-binding Ig-like Lectin-like 1, SIGLECL1, Siglec-L1, SLG, UNQ9215/PRO34042)

CATALOG #	HOST	APPLICATIONS
AAA24042	Mouse	ELISA, Western Blot

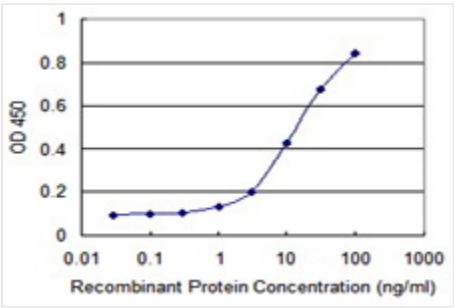
PRODUCT SYNONYMS

SIGLEC12; Monoclonal Antibody; SIGLEC12 (Sialic Acid-binding Ig-like Lectin 12; Siglec-12; Siglec-XII; S2V; Sialic Acid-binding Ig-like Lectin-like 1; SIGLECL1; Siglec-L1; SLG; UNQ9215/PRO34042); Anti -SIGLEC12 (Sialic Acid-binding Ig-like Lectin 12; anti-SIGLEC12 antibody)

PRODUCT SPECIFICATIONS

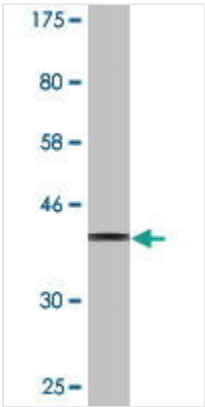
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1D1
Specificity	Recognizes human SIGLEC12.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.4
Concentration	1mg/ml (varies by lot)
Sequence	RSCRKKSARP AVGVGDTGME DANA VRGSAS QGPLIESPAD DSPPHHAPPA LATPSPEEGE IQYASLSFHK ARPQYPQE QE AIGYEYSEIN IPK
Applicable Applications for anti-SIGLEC12 antibody	ELISA, WB (Western Blot)
Application Notes	Optimal dilutions to be determined by the researcher.
Immunogen	Partial recombinant protein corresponding to aa503-595 from human SIGLEC12 with GST tag. MW of the GST tag alone is 26kD
Preparation and Storage	May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for at least 12 months after receipt. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



Application Data

Detection limit for recombinant GST tagged is 0.3ng/ml using AAA24042 as a capture antibody.



WB (Western Blot)
Western Blot detection against Immunogen using AAA24042 (36.34kD).

ADDITIONAL INFORMATION

Related Product Information for anti-SIGLEC12 antibody	Sialic acid-binding immunoglobulin-like lectins (SIGLECs) are a family of cell surface proteins belonging to the immunoglobulin superfamily. They mediate protein-carbohydrate interactions by selectively binding to different sialic acid moieties present on glycolipids and glycoproteins. This gene encodes a member of the SIGLEC3-like subfamily of SIGLECs. Members of this subfamily are characterized by an extracellular V-set immunoglobulin-like domain followed by two C2-set immunoglobulin-like domains, and the cytoplasmic tyrosine-based motifs ITIM and SLAM-like. The encoded protein, upon tyrosine phosphorylation, has been shown to recruit the Src homology 2 domain-containing protein-tyrosine phosphatases SHP1 and SHP2. It has been suggested that the protein is involved in the negative regulation of macrophage signaling by functioning as an inhibitory receptor.
Product Categories/Family for anti-SIGLEC12 antibody	Antibodies; Abs to Lectins

NCBI AND UNIPROT INFORMATION

NCBI GI #	16506828
NCBI GeneID	89858
NCBI Accession #	NP_053003.1
NCBI GenBank Nucleotide #	NM_053003.3
UniProt Accession #	Q96PQ1; Q8IYH7
NCBI Official Full Name	sialic acid-binding Ig-like lectin 12 isoform a
NCBI Official Synonym Full Names	sialic acid binding Ig-like lectin 12 (gene/pseudogene)
NCBI Official Symbol	SIGLEC12
NCBI Official Synonym Symbols	S2V; SLG; SIGLECL1; Siglec-XII
NCBI Protein Information	sialic acid-binding Ig-like lectin 12; SIGLEC-like 1; sialic acid-binding Ig-like lectin-like 1
UniProt Protein Name	Sialic acid-binding Ig-like lectin 12
UniProt Gene Name	SIGLEC12
UniProt Synonym Gene Names	SIGLECL1; SLG; Siglec-12; Siglec-L1
UniProt Entry Name	SIG12_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

