

Rabbit anti-Human, mouse SIGLEC12 Polyclonal Antibody | anti-SIGLEC12 antibody

SIGLEC12 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290376	Rabbit	Human, mouse	Western Blot, Immunohistochemistry, ELISA

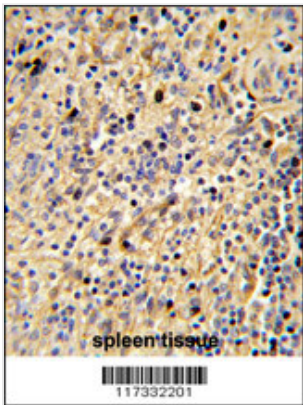
PRODUCT SYNONYMS

SIGLEC12; Polyclonal Antibody; SIGLEC12 Antibody (C-term); Sialic acid-binding Ig-like lectin 12; Siglec-12; Sialic acid-binding Ig-like lectin-like 1; Siglec-L1; SIGLECL1; SLG; anti-SIGLEC12 antibody

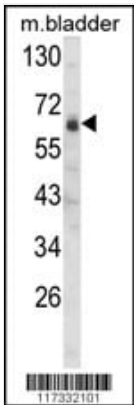
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SIGLEC12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 565-595 amino acids from the C-terminal region of human SIGLEC12.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	565-595
Sequence Length	477
Applicable Applications for anti-SIGLEC12 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human spleen tissue reacted with SIGLEC12 Antibody (C-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of SIGLEC12 Antibody (C-term) in mouse bladder tissue lysates (35ug/lane). SIGLEC12 (arrow) was detected using the purified Pab.

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. SIGLEC12 is 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. This 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	Immunology
References	Angata,T., J. Biol. Chem. 276 (43), 40282-40287 (2001) Yu,Z., J. Biol. Chem. 276 (26), 23816-23824 (2001) Foussias,G., Biochem. Biophys. Res. Commun. 284 (4), 887-899 (2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	16506826
NCBI GeneID	89858
NCBI Accession #	NP_201586.1; NP_443729.1
NCBI GenBank Nucleotide #	NM_033329.2
UniProt Accession #	Q96PQ1; Q8IYH7
Molecular Weight	64984
NCBI Official Full Name	sialic acid-binding Ig-like lectin 12 isoform b
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/siglec12-antibody-western-blot-immunohistochemistry-elisa/290376>