

Rabbit anti-Human, mouse SIGLEC9 Polyclonal Antibody | anti-SIGLEC9 antibody

SIGLEC9 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288044	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

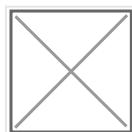
PRODUCT SYNONYMS

SIGLEC9; Polyclonal Antibody; SIGLEC9 Antibody (C-term); Sialic acid-binding Ig-like lectin 9; Siglec-9; CDw329; Protein FOAP-9; CD329; anti-SIGLEC9 antibody

PRODUCT SPECIFICATIONS

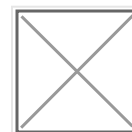
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SIGLEC9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 385-415 amino acids from the C-terminal region of human SIGLEC9.
Purity/Purification	Purified Rabbit Polyclonal 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	385-415
Sequence Length	463
Applicable Applications for anti-SIGLEC9 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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



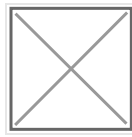
IHC (Immunohistochemisry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)

The anti-Siglec9 C-term Pab is used in Western blot to detect Siglec9 in mouse liver tissue lysate.



WB (Western Blot)

SIGLEC9 Antibody western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the SIGLEC9 antibody detected the SIGLEC9 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SIGLEC9 antibody	SIGLEC9 is a putative adhesion molecule that mediates sialic-acid dependent binding to cells. It preferentially binds to alpha-2,3- or 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. This protein is expressed by peripheral blood leukocytes (neutrophils and monocytes but not eosinophils). It is found in liver, fetal liver, bone marrow, placenta, spleen and in lower levels in skeletal muscle, fetal brain, stomach, lung, thymus, prostate, brain, mammary, adrenal gland, colon, trachea, cerebellum, testis, small intestine and spinal cord. SIGLEC9 contains 1 copy of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). This motif is involved in modulation of cellular responses. The phosphorylated ITIM motif can bind the SH2 domain of several SH2-containing phosphatases.
Product Categories/Family for anti-SIGLEC9 antibody	Cardiovascular; Immunology
References	Clark, H.F., et al., Genome Res. 13(10):2265-2270 (2003). Zhang, J.Q., et al., J. Biol. Chem. 275(29):22121-22126 (2000). Foussias, G., et al., Genomics 67(2):171-178 (2000). Angata, T., et al., J. Biol. Chem. 275(29):22127-22135 (2000). Yousef, G.M., et al., Anticancer Res. 19 (4B), 2843-2852 (1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	23943856
NCBI GeneID	27180
NCBI Accession #	NP_055256.1
NCBI GenBank Nucleotide #	NM_014441.2
UniProt Accession #	Q9Y336; Q6GTU4; Q9BYI9
Molecular Weight	50082
NCBI Official Full Name	sialic acid-binding Ig-like lectin 9 isoform 2
NCBI Official Synonym Full Names	sialic acid binding Ig-like lectin 9
NCBI Official Symbol	SIGLEC9
NCBI Official Synonym Symbols	CD329; CDw329; FOAP-9; siglec-9; OBBP-LIKE
NCBI Protein Information	sialic acid-binding Ig-like lectin 9
UniProt Protein Name	Sialic acid-binding Ig-like lectin 9
UniProt Gene Name	SIGLEC9
UniProt Synonym Gene Names	Siglec-9
UniProt Entry Name	SIGL9_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.