Siglec 9 (SIGLEC9) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Siglec 9 (SIGLEC9), Polyclonal Antibody
Full Product Name	Siglec 9, NT (Sialic Acid-binding Ig-like Lectin 9, Siglec 9, Protein FOAP-9, UNQ668/PRO1302) (MaxLight 750)
Product Gene Name	anti-SIGLEC9 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
Purity/Purification	Purified by Protein G Affinity Chromatography.
Specificity	Recognizes human SIGLEC9.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight750 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	Calculated: 50kDa; 52kDa Observed: 50kDa
OMIM	AF135027 Genomic DNA
3D Structure	ModBase 3D Structure for Q9Y336
Immunogen	Synthetic peptide selected from the N-terminal region of human SIGLEC9 (KLH).
Conjugate	MaxLight750
Note	Preservative Free
Product Categories/Family for anti-SIGLEC9 antibody	Antibodies; Lectins
Applications Tested/Suitable for anti-SIGLEC9 antibody	Immunohistochemistry (IHC), FLISA
Application Notes for anti-SIGLEC9 antibody	IHC: 1:50-1:100 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-SIGLEC9 antibody	MBS6499466 is an antibody targeting SIGLEC9. Also known as Siglec 9, NT (Sialic Acid-binding Ig-like Lectin 9, Siglec 9, Protein FOAP-9, UNQ668/PRO1302) (MaxLight 750). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-SIGLEC9 antibody	1. Clark, H.F., et al., Genome Res. 13(10):2265-2270 (2003). 2. Zhang, J.Q., et al., J. Biol. Chem. 275(29):22121-22126 (2000). 3. Foussias, G., et al., Genomics 67(2):171-178 (2000). 4. Angata, T., et al., J. Biol. Chem. 275(29):22127-22135 (2000). 5. Yousef, G.M., et al., Anticancer Res. 19 (4B), 2843-2852 (1999).
Other Notes	Small volumes of anti-SIGLEC9 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SIGLEC9. It may not necessarily be applicable to this product.

NCBI GI #	9392624
NCBI GeneID	27180
NCBI Accession #	AAF87223
UniProt Primary Accession #	Q9Y336
UniProt Secondary Accession #	Q6GTU4; Q9BYI9
UniProt Related Accession #	Q9Y336
NCBI Official Full Name	sialic acid-binding immunoglobulin-like lectin-9
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
UniProt Protein Name	Sialic acid-binding Ig-like lectin 9
UniProt Synonym Protein Names	CDw329; Protein FOAP-9; CD_antigen: CD329
Protein Family	Sialic acid-binding Ig-like lectin
UniProt Gene Name	SIGLEC9
UniProt Synonym Gene Names	Siglec-9
NCBI Protein Information	sialic acid-binding Ig-like lectin 9
UniProt Comments for SIGLEC9	Putative adhesion molecule that mediates sialic-acid dependent binding to cells. 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.
Research Articles on SIGLEC9	**1.** The SIGLEC9 rs2075803 G/rs2258983 A haplotype, which corresponds to a Siglec-9 variant that is less effective at suppressing inflammatory response, may be a risk factor for the development of emphysema.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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