Siglec 9 (SIGLEC9) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Siglec 9 (SIGLEC9), Polyclonal Antibody
Full Product Name	Siglec 9, CT (Sialic Acid-binding Ig-like Lectin 9, Siglec 9, Protein FOAP-9, UNQ668/PRO1302) (MaxLight 650)
Product Gene Name	anti-SIGLEC9 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified by Protein G Affinity Chromatography.
Specificity	Recognizes human SIGLEC9. Species Crossreactivity: mouse.
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: MaxLight650 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 C-terminal region of human SIGLEC9 (KLH).
Conjugate	MaxLight650
Note	Preservative Free
Product Categories/Family for anti-SIGLEC9 antibody	Antibodies; Lectins
Applications Tested/Suitable for anti-SIGLEC9 antibody	Immunohistochemistry (IHC), FLISA, Western Blot (WB)
Application Notes for anti-SIGLEC9 antibody	IHC: 1:50-1:100 FLISA: 1:1,000 WB: 1:100-1:500 Applications are based on unconjugated antibody.
Related Product Information for anti-SIGLEC9 antibody	MBS6499476 is an antibody targeting SIGLEC9. Also known as Siglec 9, CT (Sialic Acid-binding Ig-like Lectin 9, Siglec 9, Protein FOAP-9, UNQ668/PRO1302) (MaxLight 650). Reactive in Human, Mouse. 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.
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