

Mouse SIGLEC-7 Monoclonal Antibody | anti-SIGLEC-7 antibody

MOUSE ANTI HUMAN SIGLEC-7

CATALOG # AAA50107	HOST Mouse	APPLICATIONS Western Blot, Immunoprecipitation, Flow Cytometry, Functional Assay, ELISA
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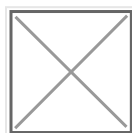
PRODUCT SYNONYMS

SIGLEC-7; Monoclonal Antibody; MOUSE ANTI HUMAN SIGLEC-7; anti-SIGLEC-7 antibody

PRODUCT SPECIFICATIONS

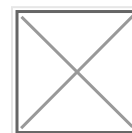
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	S7.7
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	145
Applicable Applications for anti-SIGLEC-7 antibody	WB (Western Blot), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry), ELISA
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃) Preparation
Immunogen	Siglec-7 3T3 transfected cells Fusion Partners
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



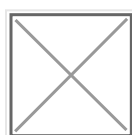
Application Data

Human peripheral blood lymphocytes stained with Mouse anti Human Siglec-7: RPE



Application Data

Human peripheral blood lymphocytes stained with Mouse anti Human Siglec-7: FITC



Application Data

Human peripheral blood lymphocytes stained with Mouse anti Human Siglec-7: Endotoxin Low

ADDITIONAL INFORMATION

Related Product Information for anti-SIGLEC-7 antibody	Mouse anti Human Siglec-7 antibody, cloneS7.7 recognizes human Sialic acid-binding Ig-like lectin 7, otherwise known as CD328, a putative adhesion molecule and member of the Ig superfamily, predominantly expressed by both resting and activated natural killer (NK) cells, and also at lower levels by monocytes, granulocytes, monocyte-derived macrophages and dendritic cells, and a small population of CD8+ memory T cells. Classed as a CD33-related Siglec, Siglec-7 preferentially binds to glycoconjugates containing alpha-2,3- or alpha-2,6-linked sialic acid, and acts as a novel inhibitory receptor for NK cells, mediating the inhibition of NK cell cytotoxicity, and implicated in the regulation of NK cell and T cell activation, and hematopoiesis. Mouse anti Human Siglec-7 antibody, cloneS7.7 is a blocking antibody (Avril et al. 2006), and has been shown to recognize Siglec-7 in Rhesus monkey (Jaroenpool et al. 2007).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	469469047
NCBI GeneID	27036
NCBI Accession #	NP_001264130.1
NCBI GenBank Nucleotide #	NM_001277201.1
UniProt Accession #	Q9Y286; Q9NZQ1; Q9UJ86; Q9UJ87; Q9Y502
Molecular Weight	16,740 Da
NCBI Official Full Name	sialic acid-binding Ig-like lectin 7 isoform 3
NCBI Official Synonym Full Names	sialic acid binding Ig-like lectin 7
NCBI Official Symbol	SIGLEC7
NCBI Official Synonym Symbols	p75; QA79; AIRM1; CD328; CDw328; D-siglec; SIGLEC-7; SIGLECP2; SIGLEC19P; p75/AIRM1
NCBI Protein Information	sialic acid-binding Ig-like lectin 7; AIRM-1; QA79 membrane protein; adhesion inhibitory receptor molecule 1, siglec-7; sialic acid binding immunoglobulin-like lectin 7
UniProt Protein Name	Sialic acid-binding Ig-like lectin 7
UniProt Gene Name	SIGLEC7
UniProt Synonym Gene Names	AIRM1; Siglec-7; AIRM-1
UniProt Entry Name	SIGL7_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/siglec-7-antibody-clone-s7-7-western-blot-immunoprecipitation-flow-cytometry-elisa/50107>