

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

MOUSE ANTI HUMAN SIGLEC-7:FITC

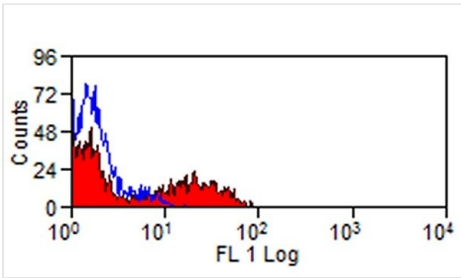
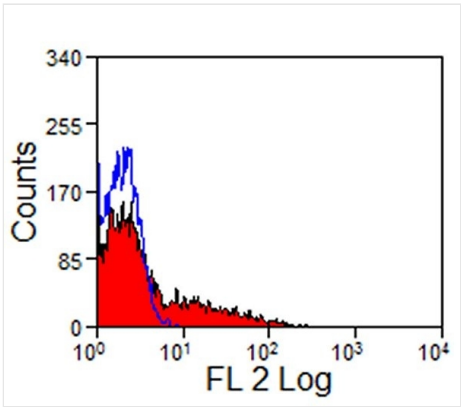
CATALOG # AAA50223	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

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

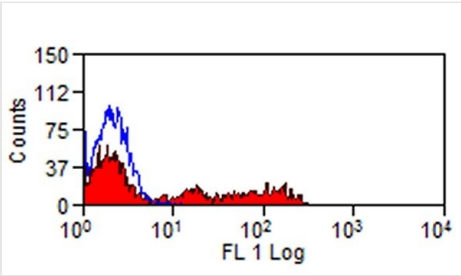
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	S7.7
Form/Format	FITC Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Concentration	IgG concentration 0.1 mg/ml (varies by lot)
Sequence Length	145
Applicable Applications for anti-SIGLEC-7 antibody	FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin 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. This product is photosensitive and should be protected from light. 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.



Application Data
Human peripheral blood lymphocytes stained with Mouse anti Human Siglec-7: FITC (AAA50223)

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: 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).

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-flow-cytometry-elisa/50223>