

Mouse anti-Human CD169 Monoclonal Antibody | anti-CD169 antibody

Anti-Hu CD169 APC

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128384	Mouse	Human	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD169; Monoclonal Antibody; Anti-Hu CD169 APC; sialic acid binding Ig like lectin 1; SIGLEC1; SN; sialoadhesin; anti-CD169 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	7-239
Specificity	The mouse monoclonal antibody 7-239 recognizes an extracellular epitope of CD169 (sialoadhesin, Siglec-1), a 210 kDa type I transmembrane glycoprotein expressed on macrophages and dendritic cells.
Purity/Purification	The purified antibody is conjugated with allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Sequence Length	1649
Applicable Applications for anti-CD169 antibody	FCM/FACS (Flow Cytometry)
Immunogen	human rhinovirus 14-infected monocyte-derived dendritic cells
Conjugation	APC
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.

ADDITIONAL INFORMATION

Related Product Information for anti-CD169 antibody	CD169, also known as Siglec-1 or sialoadhesin, is a type I transmembrane glycoprotein of the sialic acid binding Ig-like lectin family. It binds to sialylated glycoproteins on various haematopoietic cells to mediate cell-cell interactions. CD169 is expressed on a subset of macrophages and dendritic cells. On CD14+ monocytes its expression can be induced by interferon alpha and gamma. High expression of CD169 is observed in the spleen, lymph nodes, bone marrow, and under inflammatory conditions rheumatoid arthritis and atherosclerosis, lower in the liver, lungs and gut. It has been shown to be involved in antigen presentation to invariant NKT cells, which play an important role in the innate arm of the immune system to modulate the subsequent acquired immune responses.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119630923
NCBI GeneID	6614
UniProt Accession #	Q9BZZ2
NCBI Official Full Name	sialic acid binding Ig-like lectin 1, sialoadhesin, isoform CRA_b, partial

NCBI Official Synonym Full Names	sialic acid binding Ig like lectin 1
NCBI Official Symbol	SIGLEC1
NCBI Official Synonym Symbols	SN; CD169; SIGLEC-1
NCBI Protein Information	sialoadhesin
UniProt Protein Name	Sialoadhesin
UniProt Gene Name	SIGLEC1
UniProt Synonym Gene Names	SN; Siglec-1
UniProt Entry Name	SN_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd169-antibody-clone-7-239-flow-cytometry-elisa/128384>