

For Research Use Only

CD169 Recombinant monoclonal antibody

Catalog Number: 86605-1-RR



Basic Information

Catalog Number:	86605-1-RR	GenBank Accession Number:	NP_035556	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GenelD (NCBI):	20612	CloneNo.:	251348G9
Source:	Rabbit	UNIPROT ID:	Q62230-1	Recommended Dilutions:	WB: 1:1000-1:4000
Isotype:	IgG	Full Name:	sialic acid binding Ig-like lectin 1, sialoadhesin		
Immunogen Catalog Number:	EG5002	Calculated MW:	183 kDa		
		Observed MW:	220 kDa		

Applications

Tested Applications:	WB, ELISA	Positive Controls:	
Species Specificity:	mouse	WB:	RAW 264.7 cells, mouse liver tissue

Background Information

CD169, also known as sheep erythrocyte receptor (SER), Sialoadhesin (Sn) or Siglec-1, is a sialic acid-binding immunoglobulin-like lectin that belongs to the SIGLEC family of the Ig superfamily (PMID: 3783087; 11133773). CD169 is a single-pass transmembrane protein containing a long extracellular domain, a transmembrane region, and a short cytoplasmic tail (PMID: 11133773). It is primarily expressed on the surface of specific macrophage subsets and its precursor monocytes, as well as on some DCs (PMID: 33408860). CD169 binds to sialic acid-containing glycoconjugates, particularly those with α (2,3)-linkages. It is involved in immune regulation, pathogen recognition, and cell-cell interactions.

Storage

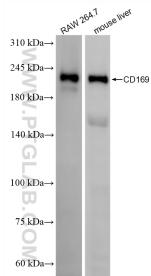
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86605-1-RR (Siglec1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.