

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;	GeneID (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: WB : RAW 264.7 cells, mouse liver tissue
Species Specificity: mouse	

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 $\alpha(2,3)$ -linkages. It is involved in immune regulation, pathogen recognition, and cell-cell interactions.

Storage

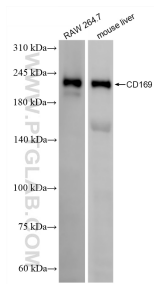
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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
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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.