For Research Use Only

Siglec-E Recombinant antibody

Catalog Number:84790-2-RR



Basic Information	Catalog Number: 84790-2-RR	GenBank Accession Number: NM_031181.2	Purification Method: Protein A purification
	Size: 1000 µg/ml	GenelD (NCBI): 83382	CloneNo.: 242248H3
	Source: Rabbit	UNIPROT ID: Q91Y57	Recommended Dilutions: WB 1:500-1:2000
	Isotype: IgG	Full Name: sialic acid binding Ig-like lectin E Calculated MW: 52 kDa	
		Applications	Tested Applications: WB, ELISA Species Specificity: mouse
	specificities,		
Background Information	Sialic acid-binding immunoglobulin-like lectins (SIGLECs) are a family of cell surface proteins belonging to the immunoglobulin superfamily that contain sialoside-binding N-terminal domains (PMID: PMID: 9498912; 22749793). Mouse Siglec E, also known as myeloid inhibitory siglec (MIS), is a mouse CD33-related siglec that contains three extracellular immunoglobulin-like domains, a transmembrane region and a cytoplasmic tail bearing two immunoreceptor tyrosine-based inhibitory motifs (ITIMs), which can recruit SHP-1 and SHP-2, two inhibitory regulators of immunoreceptor signal transduction (PMID: 11171044). Siglec-E is an inhibitory receptor and is expressed broadly on cells of innate immune cells including neutrophils, monocytes, macrophages, dendritic cells, and a subset of natural killer cells (PMID: 15048729; 31546700).		
Storage	Storage: Store at -20°C. Stable for one year after shipment. Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Aliquoting is unnecessary for -20°C storage		

For technical support and original validation data for this product please contact:T: 4006900926E: Proteintech-CN@ptglab.comW: ptgcn.com

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Selected Validation Data



mouse spleen tissue was subjected to SDS PAGE followed by western blot with 84790-2-RR (Siglec-E antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.