

For Research Use Only

Mouse CD160 Polyclonal antibody, PBS Only

Catalog Number: 34143-1-PBS



Basic Information

Catalog Number: 34143-1-PBS	GenBank Accession Number: NM_001163496.1	Purification Method: Antigen affinity Purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 54215	
Source: Rabbit	UNIPROT ID: O88875	
Isotype: IgG	Full Name: CD160 antigen	
Immunogen Catalog Number: EG2585	Calculated MW: 21kDa	
	Observed MW: 27 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
mouse, rat

Background Information

CD160 is a 27 kDa glycosylphosphatidylinositol (GPI)-anchored glycoprotein expressed on natural killer (NK) cells, T cell subsets (like cytotoxic T lymphocytes), and innate lymphoid cells. It functions as an activating or co-stimulatory receptor, depending on its ligand engagement. Its primary ligands are herpesvirus entry mediator (HVEM) and major histocompatibility complex class I chain-related molecules (MICs). The CD160-HVEM interaction plays a critical dual role: it can deliver co-stimulatory signals to enhance NK/T cell cytotoxicity and cytokine production, but it can also inhibit T cell responses by engaging HVEM-associated signaling pathways. Thus, CD160 is a key regulator in immune cell activation, tumor surveillance, and autoimmune pathology (PMID: 21324341, PMID: 24882258, PMID: 36420268, PMID: 38360636).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

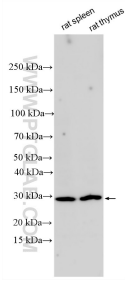
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 34143-1-AP (CD160 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 34143-1-PBS in a different storage buffer formulation.