

For Research Use Only

# Mouse CD160 Polyclonal antibody, PBS Only

Catalog Number: 34143-1-PBS



## Basic Information

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| <b>Catalog Number:</b><br>34143-1-PBS      | <b>GenBank Accession Number:</b><br>NM_001163496.1 | <b>Purification Method:</b><br>Antigen affinity Purification |
| <b>Source:</b><br>Rabbit                   | <b>GeneID (NCBI):</b><br>54215                     |  |
| <b>Isotype:</b><br>IgG                     | <b>UNIPROT ID:</b><br>O88875                       |  |
| <b>Immunogen Catalog Number:</b><br>EG2585 | <b>Full Name:</b><br>CD160 antigen                 |  |
|  | <b>Calculated MW:</b><br>21kDa                     |  |
|  | <b>Observed MW:</b><br>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.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

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

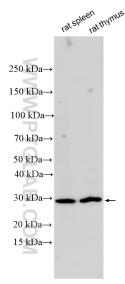
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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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.