

For Research Use Only

# CD160 Recombinant antibody, PBS Only (Detector)

Catalog Number: 83184-2-PBS



## Basic Information

<b>Catalog Number:</b> 83184-2-PBS	<b>GenBank Accession Number:</b> BC014465	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 11126	<b>CloneNo.:</b> 230511B11
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O95971	<b>Affinity:</b> $K_D = 2.59 \times 10^{-11}M$
<b>Isotype:</b> IgG	<b>Full Name:</b> CD160 molecule	$K_{off} = 1.30 \times 10^{-5}M$
<b>Immunogen Catalog Number:</b> AG1754	<b>Calculated MW:</b> 20 kDa	$K_{on} = 5.03 \times 10^5M$

## Applications

**Tested Applications:**  
Cytometric bead array, Indirect ELISA

**Species Specificity:**  
human

## Product Information

83184-2-PBS targets CD160 as part of a matched antibody pair:

MP00237-1: 83184-1-PBS capture and 83184-2-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Background Information

CD160 is a glycosylphosphatidylinositol (GPI)-anchored protein that is expressed on almost all intestinal intraepithelial lymphocytes (IELs), gamma delta T cells, CD56 (dim) CD16+ cytotoxic NK cells, and a minor subset of CD4+ and CD8+ T cells (PMID: 31332204; 25179432). The binding of CD160 to both classical and non-classical MHC I enhances NK and CD8+ cytotoxic T lymphocyte functions (PMID: 25179432). CD160 is a ligand for HVEM (herpes virus entry mediator) and the binding of CD160 to HVEM inhibits T cell activity (PMID: 19426226).

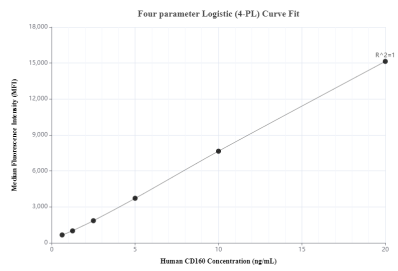
## Storage

**Storage:**  
Store at -80°C.  
**Storage Buffer:**  
PBS Only

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](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

# Selected Validation Data



Cytometric bead array standard curve of MP00237-1, CD160 Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83184-1-PBS. Detection antibody: 83184-2-PBS. Standard: Ag1754. Range: 0.625-20 ng/mL