

For Research Use Only

CD160 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83184-1-PBS



Basic Information

| | | |
|---|--|---|
| Catalog Number: 83184-1-PBS | GenBank Accession Number: BC014465 | Purification Method: Protein A purification |
| Size: 100ug , Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 11126 | CloneNo.: 230511B3 |
| Source: Rabbit | UNIPROT ID: O95971 | Affinity: $K_D = 2.67 \times 10^{-10}M$ |
| Isotype: IgG | Full Name: CD160 molecule | $K_{off} = 8.00 \times 10^{-5}M$ |
| Immunogen Catalog Number: AG1754 | Calculated MW: 20 kDa | $K_{on} = 2.99 \times 10^5M$ |

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

83184-1-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

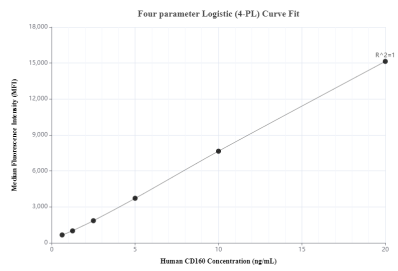
Storage:
Store at -80°C.

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
W: 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