

For Research Use Only

CCL7 Recombinant antibody, PBS Only (Capture)

Catalog Number: 85123-2-PBS



Basic Information

| | | |
|--|---|---|
| Catalog Number: 85123-2-PBS | GenBank Accession Number: BC092436 | Purification Method: Protein A purification |
| Size: 100ug, Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 6354 | CloneNo.: 242607C3 |
| Source: Rabbit | UNIPROT ID: P80098 | |
| Isotype: IgG | Full Name: chemokine (C-C motif) ligand 7 | |
| | Calculated MW: 109 aa, 12 kDa | |

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

85123-2-PBS targets CCL7 as part of a matched antibody pair:

MP01847-1: 85123-2-PBS capture and 85123-3-PBS detection (validated in Cytometric bead array)

MP01847-3: 85123-2-PBS capture and 85123-4-PBS detection (validated in Sandwich ELISA)

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.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

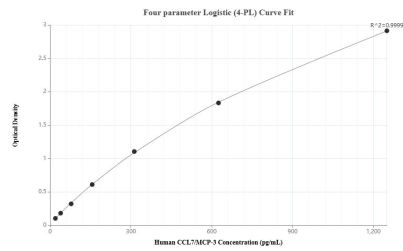
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

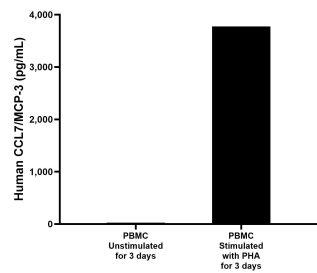
E: proteintech@ptglab.com
W: ptglab.com

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

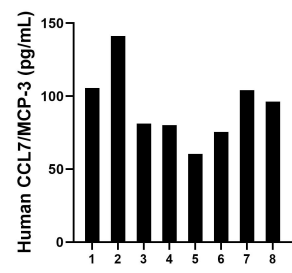
Selected Validation Data



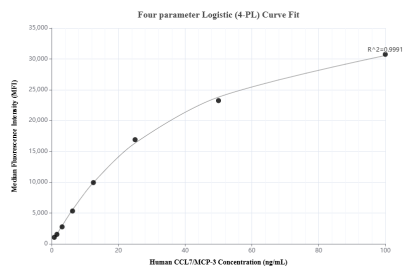
Sandwich ELISA standard curve of MP01847-3, Human CCL7/MCP-3 Recombinant Matched Antibody Pair - PBS only. 85123-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3337. 85123-4-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 µg/mL PHA for 3 days. The mean CCL7/MCP-3 concentration was determined to be 24.2 pg/mL in unstimulated PBMC supernatant, 3,774.7 pg/mL in PHA stimulated PBMC supernatant.



Serum of eight individual healthy human donors was measured. The human CCL7/MCP-3 concentration of detected samples was determined to be 93.1 pg/mL with a range of 60.4-141.2 pg/mL



Cytometric bead array standard curve of MP01847-1, CCL7/MCP-3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85123-2-PBS. Detection antibody: 85123-3-PBS. Standard: Eg3337. Range: 0.781-100 ng/mL