

For Research Use Only

# CD8b Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP01133-1

## Capture Antibody Information

Catalog Number:  
84240-3-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
241327C1

Reactivity:  
human

GenBank:  
BC100913

Conjugate:  
Unconjugated

Full name:  
CD8b molecule

Gene ID:  
926

## Detection Antibody Information

Catalog Number:  
84240-1-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
241326C9

Reactivity:  
human

GenBank:  
BC100913

Conjugate:  
Unconjugated

Full name:  
CD8b molecule

Gene ID:  
926

## Applications

Tested Applications:  
Cytometric bead array, Sandwich ELISA

Range:  
0.078-10 ng/mL (Cytometric Bead Array)  
39.1-2500 pg/mL (Sandwich ELISA)

Recommended Dilutions:  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP01133-1 targets CD8b in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: CD8B Recombinant antibody, PBS Only (Capture) 84240-3-PBS (241327C1). 100 µg. Concentration 1 mg/ml.

Detection antibody: CD8B Recombinant antibody, PBS Only (Detector) 84240-1-PBS (241326C9). 100 µg. Concentration 1 mg/ml.

Alternative CD8b matched antibody pairs: MP01133-2

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## 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

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

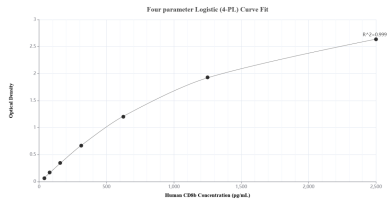
T: 4006900926

E: Proteintech-CN@ptglab.com

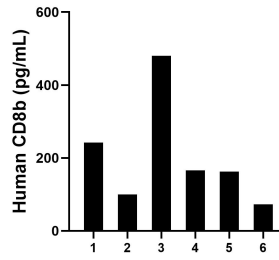
W: ptgcn.com

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

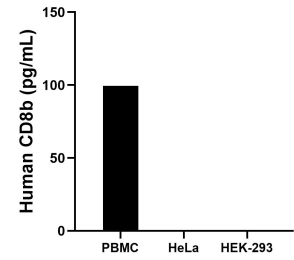
## Selected Validation Data



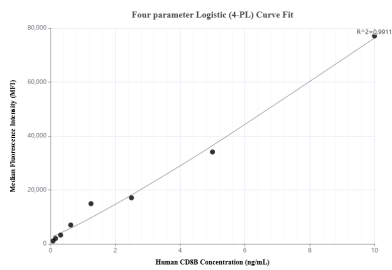
Sandwich ELISA standard curve of MP01133-1, Human CD8b Recombinant Matched Antibody Pair - PBS only. 84240-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard RP02351. 84240-1-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



Serum of six individual healthy human donors was measured. The CD8b concentration of detected samples was determined to be 204 pg/mL with a range of 73-480 pg/mL



Human peripheral blood mononuclear cells (PBMCs), with HeLa and HEK-293 as negative controls, were cultured for 5 days. The mean concentration of CD8b was measured 99.4 pg/mL in the PBMC supernatant, undetectable in HeLa and HEK-293 supernatants.



Cytometric bead array standard curve of MP01133-1, CD8b Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84240-3-PBS. Detection antibody: 84240-1-PBS. Standard: RP02351. Range: 0.078-10 ng/mL