

For Research Use Only

ITAM Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87650-1-PBS



Basic Information

Catalog Number: 87650-1-PBS	GenBank Accession Number: GeneID (NCBI): 3684	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	ENSEMBL Gene ID: ENSG00000169896	CloneNo.: 252751B5
Source: Rabbit	Full Name: integrin, alpha M (complement component 3 receptor 3 subunit)	
Isotype: IgG		
Immunogen Catalog Number: EG10485		

Applications

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

Species Specificity:
human

Product Information

87650-1-PBS targets ITAM as part of a matched antibody pair:

MP03107-1: 87650-2-PBS capture and 87650-1-PBS detection (validated in Cytometric bead array, 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

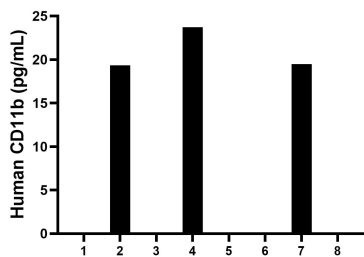
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

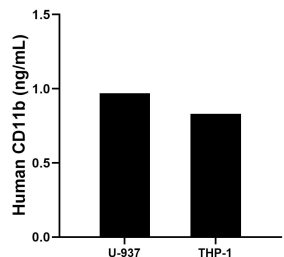
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

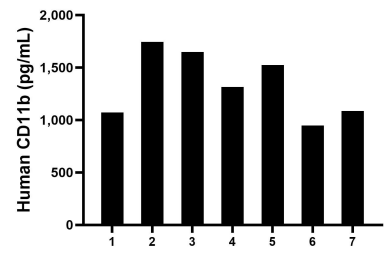
Selected Validation Data



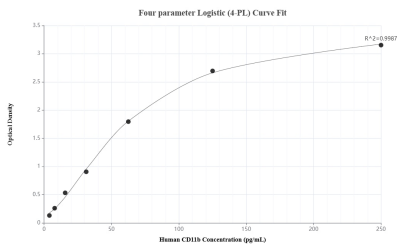
Urine of eight individual healthy human donors was measured. The human CD11b concentration of detected samples was determined to be 20.8 pg/mL with a range of ND-23.7 pg/mL.



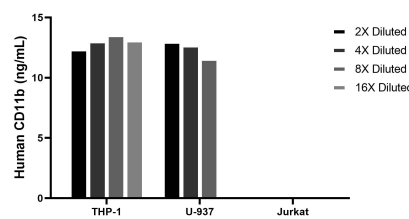
The mean CD11b concentration was determined to be 0.97 ng/mL in U-937 cell extract based on a 1.2 mg/mL extract load and 0.83 ng/mL in THP-1 cell extract based on a 1.2 mg/mL extract load.



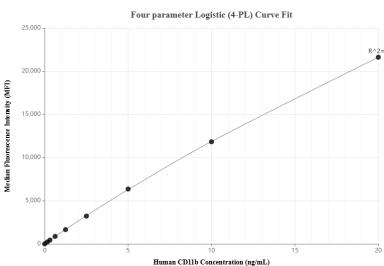
Serum of seven individual healthy human donors was measured. The human CD11b concentration of detected samples was determined to be 1,334.1 pg/mL with a range of 946.7-1,743.5 pg/mL.



Sandwich ELISA standard curve of MP03107-1, Human CD11b Recombinant Matched Antibody Pair - PBS only. 87650-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg10485. 87650-1-PBS was HRP conjugated as the detection antibody. Range: 3.91-250 pg/mL



The mean CD11b concentration was determined to be 13.0 ng/mL in THP-1 cell extract based on a 1.2 mg/mL extract load, 12.4 ng/mL in U-937 cell extract based on a 2.6 mg/mL extract load, Jurkat cell extract were served as a negative control.



Cytometric bead array standard curve of MP03107-1, CD11b Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87650-2-PBS. Detection antibody: 87650-1-PBS. Standard: Eg10485. Range: 0.156-20 ng/mL.