

For Research Use Only

ITB2 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87449-2-PBS



Basic Information

Catalog Number: 87449-2-PBS	GenBank Accession Number: GeneID (NCBI): 3689	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	ENSEMBL Gene ID: ENSG00000160255	CloneNo.: 252742C8
Source: Rabbit	Full Name: integrin, beta 2 (complement component 3 receptor 3 and 4 subunit)	
Isotype: IgG		
Immunogen Catalog Number: EG10481		

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

87449-2-PBS targets ITB2 as part of a matched antibody pair:

MP03188-1: 87449-3-PBS capture and 87449-2-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.

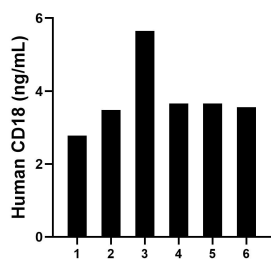
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

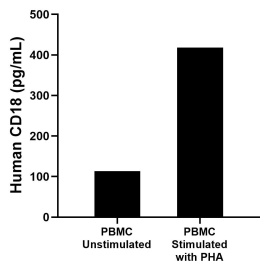
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

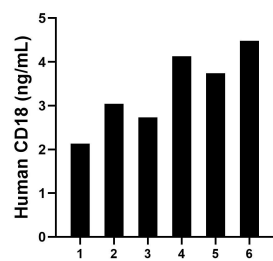
Selected Validation Data



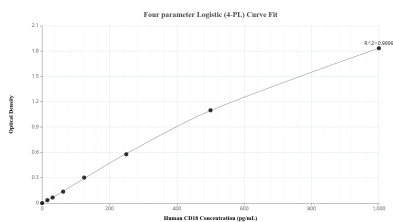
Plasma of six individual healthy human donors was measured. The CD18 concentration of detected samples was determined to be 3.8 ng/mL with a range of 2.8-5.6 ng/mL.



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 µg/mL PHA for 3 days. The mean CD18 concentration was determined to be 113.4 pg/mL in unstimulated PBMC supernatant, 418.4 pg/mL in PHA stimulated PBMC supernatant.



Serum of six individual healthy human donors was measured. The CD18 concentration of detected samples was determined to be 3.4 ng/mL with a range of 2.1-4.5 ng/mL.



Sandwich ELISA standard curve of MP03188-1, Human CD18 Recombinant Matched Antibody Pair - PBS only. 87449-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg10481. 87449-2-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL.