

For Research Use Only

IL17F Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 87510-4-PBS



Basic Information

Catalog Number: 87510-4-PBS	GenBank Accession Number: NM_052872.3	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 112744	CloneNo.: 252565C2
Source: Rabbit	UNIPROT ID: Q96PD4	
Isotype: IgG	Full Name: interleukin 17F	
Immunogen Catalog Number: EG2823	Calculated MW: 18 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

87510-4-PBS targets IL17F as part of a matched antibody pair:

MP03108-2: 87510-4-PBS capture and 87510-2-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

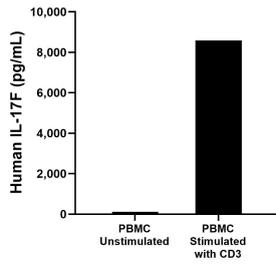
For technical support and original validation data for this product please contact:

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

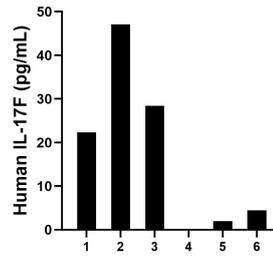
E: proteintech@ptglab.com
W: ptglab.com

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

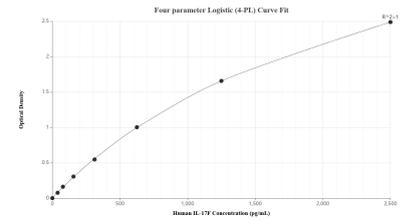
Selected Validation Data



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 1 $\mu\text{g}/\text{mL}$ CD3 for 4 days. The mean IL-17F concentration was determined to be 116.4 pg/mL in unstimulated PBMC supernatant, 8,590.8 pg/mL in stimulated PBMC supernatant.



Plasma of six individual healthy human donors was measured. The IL-17F concentration of detected samples was determined to be 17.4 pg/mL with a range of ND-47.1 pg/mL.



Sandwich ELISA standard curve of MP03108-2, Human IL-17F Recombinant Matched Antibody Pair - PBS only. 87510-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2823. 87510-2-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL.