

For Research Use Only

# IL17F Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87510-2-PBS



## Basic Information

<b>Catalog Number:</b> 87510-2-PBS	<b>GenBank Accession Number:</b> NM_052872.3	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 112744	<b>CloneNo.:</b> 252565A11
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q96PD4	
<b>Immunogen Catalog Number:</b> EG2823	<b>Full Name:</b> interleukin 17F	
	<b>Calculated MW:</b> 18 kDa	

## Applications

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

**Species Specificity:**  
human

## Background Information

### 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, pH7.3

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

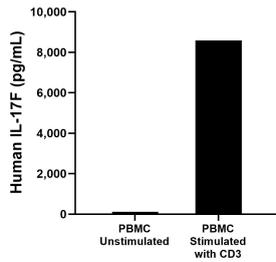
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

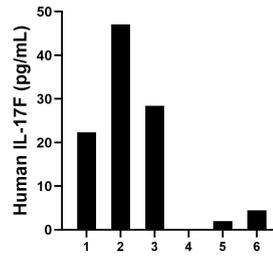
W: [ptgcn.com](http://ptgcn.com)

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

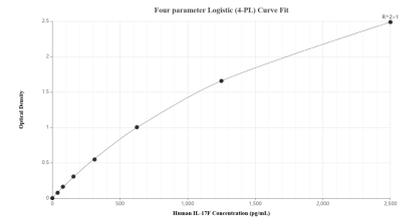
## Selected Validation Data



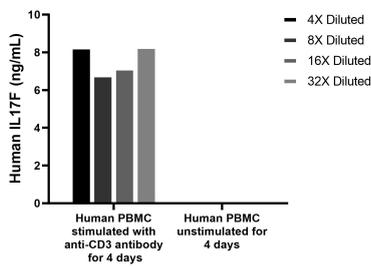
Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 1  $\mu$ g/mL CD3 for 4 days. The mean IL-17F concentration was determined to be 116.4 pg/mL in unstimulated PBMC supernatant, 8,590.8 pg/mL in stimulated PBMC supernatant.



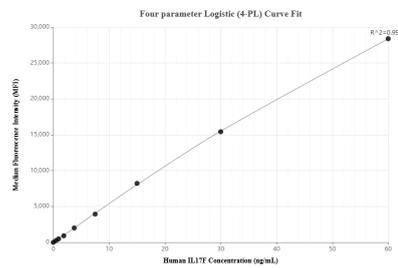
Plasma of six individual healthy human donors was measured. The IL-17F concentration of detected samples was determined to be 17.4 pg/mL with a range of ND-47.1 pg/mL.



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.



Human PBMC ( $1 \times 10^6$  cells/mL) were cultured in DMEM supplemented with 8% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100  $\mu$ g/mL streptomycin sulfate. Cells were cultured unstimulated or stimulated with 100ng/mL anti-CD3 antibody for 4 days. Aliquots of the cell culture supernates were removed and assayed for levels of IL-17F, and measured 7.6 ng/mL.



Cytometric bead array standard curve of MP03108-1, IL-17F Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87510-3-PBS. Detection antibody: 87510-2-PBS. Standard: Eg2823. Range: 0.469-60 ng/mL.