

For Research Use Only

# GM-CSF Recombinant antibody, PBS Only (Detector)

Catalog Number:82761-8-PBS



## Basic Information

<b>Catalog Number:</b> 82761-8-PBS	<b>GenBank Accession Number:</b> GeneID (NCBI): 1437	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>UNIPROT ID:</b> P04141	<b>CloneNo.:</b> 240183A3
<b>Source:</b> Rabbit	<b>Full Name:</b> colony stimulating factor 2 (granulocyte-macrophage)	
<b>Isotype:</b> IgG		

## Applications

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

**Species Specificity:**  
human

## Product Information

82761-8-PBS targets GM-CSF as part of a matched antibody pair:

MP00521-1: 82761-9-PBS capture and 82761-8-PBS detection (validated in Cytometric bead array)

MP00521-3: 82761-11-PBS capture and 82761-8-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

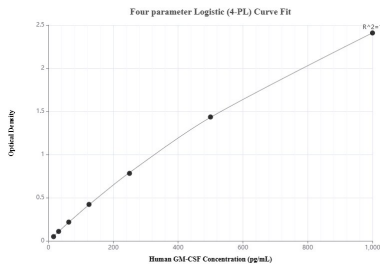
For technical support and original validation data for this product please contact:

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

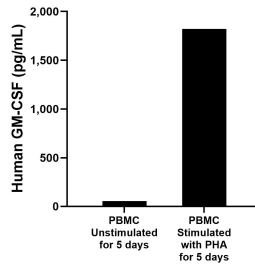
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

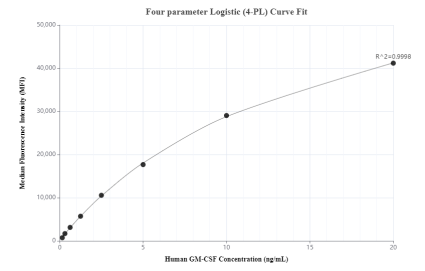
## Selected Validation Data



Sandwich ELISA standard curve of MP00521-3, Human GM-CSF Recombinant Matched Antibody Pair - PBS only. 82761-11-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0189. 82761-8-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 µg/mL PHA for 5 days. The mean GM-CSF concentration was determined to be 55.0 pg/mL in unstimulated PBMC supernatant, 1821.6 pg/mL in PHA stimulated PBMC supernatant.



Cytometric bead array standard curve of MP00521-1, GM-CSF Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82761-9-PBS. Detection antibody: 82761-8-PBS. Standard: Eg0189. Range: 0.156-20 ng/mL