

For Research Use Only

# GM-CSF Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00521-3

## Capture Antibody Information

**Catalog Number:**  
82761-11-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240183C1  
**Reactivity:**  
human

**Conjugate:**  
Unconjugated  
**Full name:**  
colony stimulating factor 2  
(granulocyte-macrophage)  
**Gene ID:**  
1437

## Detection Antibody Information

**Catalog Number:**  
82761-8-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240183A3  
**Reactivity:**  
human  
**GenBank:**

**Conjugate:**  
Unconjugated  
**Full name:**  
colony stimulating factor 2  
(granulocyte-macrophage)  
**Gene ID:**  
1437

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
15.6-1000 pg/mL (Sandwich ELISA)

**Recommended Dilutions:**  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP00521-3 targets GM-CSF in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: GM-CSF Recombinant antibody, PBS Only (Capture) 82761-11-PBS (240183C1). 100 µg. Concentration 1 mg/ml.

Detection antibody: GM-CSF Recombinant antibody, PBS Only (Detector) 82761-8-PBS (240183A3). 100 µg. Concentration 1 mg/ml.

Alternative GM-CSF matched antibody pairs: MP00306-1, MP00306-2, MP00306-3, MP00521-1, MP00521-2, MP50067-1

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

**Storage:**  
Store at -80°C.  
**Storage buffer:**  
PBS only

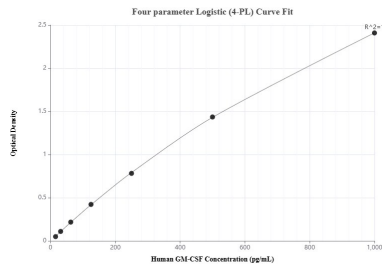
For technical support and original validation data for this product please contact:

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

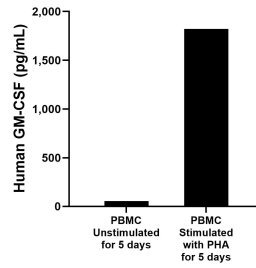
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**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  $\mu$ g/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.