

# 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  
GenBank:

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.

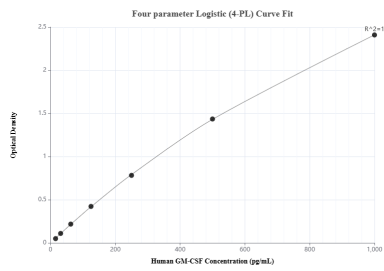
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

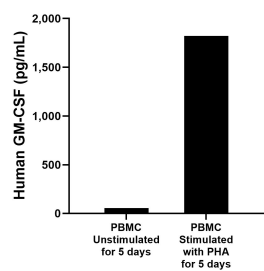
## Storage

Storage:  
Store at -80°C.  
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C  
Storage buffer:  
PBS only

## 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.