

For Research Use Only

# IL-5 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00921-2

## Capture Antibody Information

**Catalog Number:**  
83962-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
241085C2  
**Reactivity:**  
human  
**GenBank:**  
BC007224  
**Immunogen Catalog Number:**  
Ag14751

**Conjugate:**  
Unconjugated  
**Full name:**  
UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 10 (GalNAc-T10)  
**Gene ID:**  
55568

## Detection Antibody Information

**Catalog Number:**  
83962-1-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
241085B9  
**Reactivity:**  
human  
**GenBank:**  
BC007224  
**Immunogen Catalog Number:**  
Ag14751

**Conjugate:**  
Unconjugated  
**Full name:**  
UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 10 (GalNAc-T10)  
**Gene ID:**  
55568

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
7.81-500 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

MP00921-2 targets IL-5 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: GALNT10 Recombinant antibody, PBS Only (Capture/Detector) 83962-2-PBS (241085C2). 100 µg. Concentration 1 mg/ml.

Detection antibody: GALNT10 Recombinant antibody, PBS Only (Capture/Detector) 83962-1-PBS (241085B9). 100 µg. Concentration 1 mg/ml.

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

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

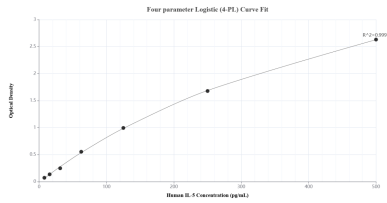
T: 4006900926

E: Proteintech-CN@ptglab.com

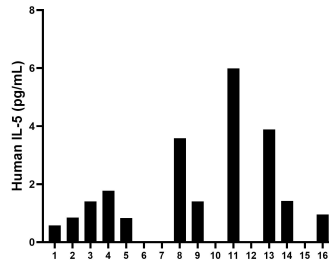
W: ptgcn.com

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

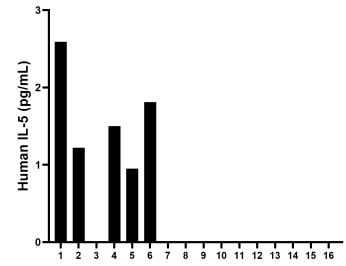
## Selected Validation Data



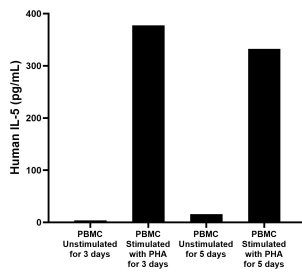
Sandwich ELISA standard curve of MP00921-2, Human IL-5 Recombinant Matched Antibody Pair - PBS only. 83962-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0380. 83962-1-PBS was biotinylated conjugated as the detection antibody. Range: 7.81-500 pg/mL.



Serum of sixteen individual healthy human donors was measured. All samples were less than the lowest human IL-5 standard, 7.81 pg/mL.



Urine of sixteen individual healthy human donors was measured. All samples were less than the lowest human IL-5 standard, 7.81 pg/mL.



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10  $\mu$ g/mL PHA for 3 days or 5 days. For the PBMC supernatant cultured for 3 days, the mean IL-5 concentration was determined to be 3.6 pg/mL in unstimulated PBMC supernatant, 377.4 pg/mL in PHA stimulated PBMC supernatant. For the PBMC supernatant cultured for 5 days, the mean IL-5 concentration was determined to be 15.6 pg/mL in unstimulated PBMC supernatant,

