

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

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.
Storage buffer:
PBS only

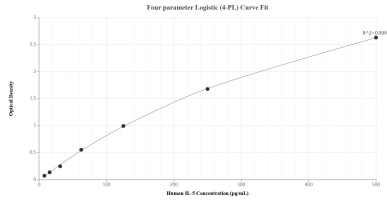
For technical support and original validation data for this product please contact:

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

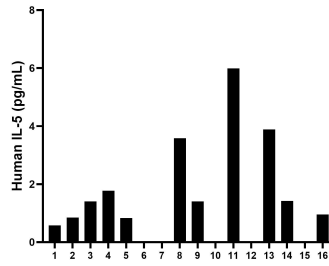
E: proteintech@ptglab.com
W: ptglab.com

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

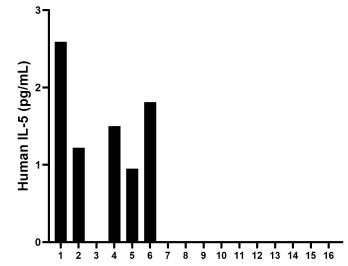
Selected Validation Data



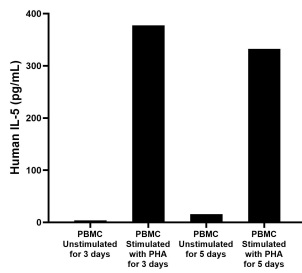
Sandwich ELISA standard curve of MP00921-2, Human IL-5 Recombinant Matched Antibody Pair - PBS only. 83962-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0380. 83962-1-PBS was biotinylated conjugated as the detection antibody. Range: 7.81-500 pg/mL.



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 µg/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,

