

For Research Use Only

IL-3 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00526-4

Capture Antibody Information

Catalog Number:
83544-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240417G4
Reactivity:
human
GenBank:
NM_000588.3

Conjugate:
Unconjugated
Full name:
interleukin 3 (colony-stimulating factor, multiple)
Gene ID:
3562

Detection Antibody Information

Catalog Number:
83544-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240417A2
Reactivity:
human
GenBank:
NM_000588.3

Conjugate:
Unconjugated
Full name:
interleukin 3 (colony-stimulating factor, multiple)
Gene ID:
3562

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

MP00526-4 targets IL-3 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: IL-3 Recombinant antibody, PBS Only (Capture/Detector) 83544-4-PBS (240417G4). 100 µg. Concentration 1 mg/ml.

Detection antibody: IL-3 Recombinant antibody, PBS Only (Capture/Detector) 83544-1-PBS (240417A2). 100 µg. Concentration 1 mg/ml.

Alternative IL-3 matched antibody pairs: MP00510-1, MP00510-2, MP00510-3, MP00526-1, MP00526-2, MP00526-3

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:

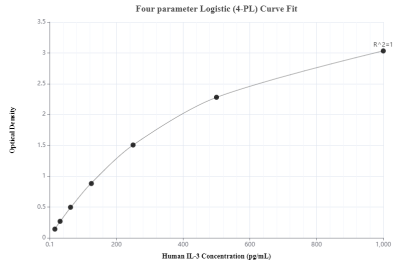
T: 4006900926

E: Proteintech-CN@ptglab.com

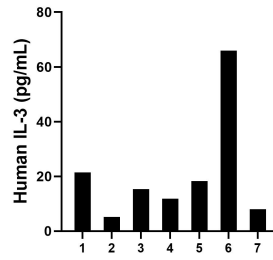
W: ptgcn.com

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

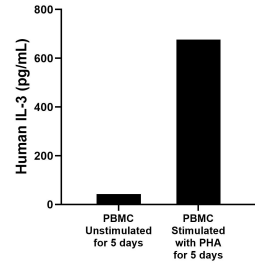
Selected Validation Data



Sandwich ELISA standard curve of MP00526-1, IL-3 Recombinant Matched Antibody Pair - PBS only. 83544-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0829.83544-4-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL



Serum of seven individual healthy human donors was measured. The IL-3 concentration of detected samples was determined to be 20.87 pg/mL with a range of 5.19 - 65.92 pg/mL.



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 μ g/mL PHA for 5 days. The mean IL-3 concentration was determined to be 43.17 pg/mL in unstimulated PBMC supernatant, 676.99 pg/mL in PHA stimulated PBMC supernatant.