

IL-10 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02490-1**

Capture Antibody Information

Catalog Number:

86547-2-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

250059F11

Reactivity:

human

Immunogen Catalog Number:

Eg3296

Conjugate:

Unconjugated

Full name:

interleukin 10

Gene ID:

3586

Detection Antibody Information

Catalog Number:

86547-1-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

250059C12

Reactivity:

human

GenBank:

NM_000572.3

Immunogen Catalog Number:

Eg3296

Conjugate:

Unconjugated

Full name:

interleukin 10

Gene ID:

3586

Applications

Tested Applications:

Sandwich ELISA

Range:

31.3-2000 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

MP02490-1 targets IL-10 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: IL-10 Recombinant antibody, PBS Only (Capture) 86547-2-PBS (250059F11). 100 µg. Concentration 1 mg/mL.

Detection antibody: IL-10 Recombinant antibody, PBS Only (Detector) 86547-1-PBS (250059C12). 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:

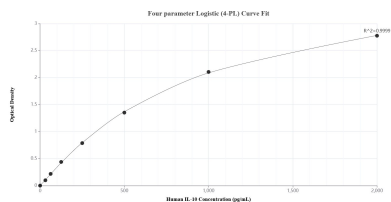
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

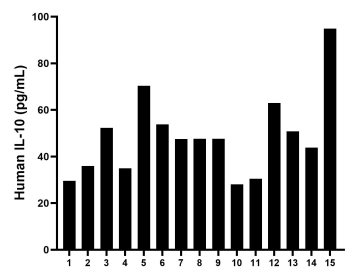
W: ptglab.com

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

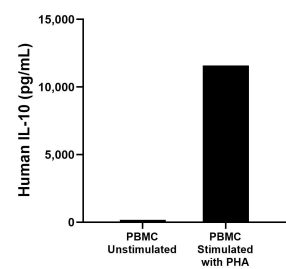
Selected Validation Data



Sandwich ELISA standard curve of MP02490-1, Human IL-10 Recombinant Matched Antibody Pair - PBS only. 86547-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3296. 86547-1-PBS was HRP conjugated as the detection antibody. Range: 31.3-2000 pg/mL.



Plasma of fifteen individual healthy human donors was measured. The IL-10 concentration of detected samples was determined to be 48.7 pg/mL with a range of 28.0-94.9 pg/mL.



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 µg/mL PHA for 3 days. The mean IL-10 concentration was determined to be 169.2 pg/mL in unstimulated PBMC supernatant, 11,597.9 pg/mL in PHA stimulated PBMC supernatant.