

For Research Use Only

IL6 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00687-4

Capture Antibody Information

Catalog Number:
83747-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240670A4

Reactivity:
human

Conjugate:
Unconjugated

Full name:
interleukin 6 (interferon, beta 2)

Gene ID:
3569

Detection Antibody Information

Catalog Number:
83747-6-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240669A2

Reactivity:
human

GenBank:
BC015511

Conjugate:
Unconjugated

Full name:
interleukin 6 (interferon, beta 2)

Gene ID:
3569

Applications

Tested Applications:
Sandwich ELISA

Range:
7.8-500 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

MP00687-4 targets IL6 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: IL-6 Recombinant antibody, PBS Only (Capture) 83747-2-PBS (240670A4). 100 µg. Concentration 1 mg/mL.

Detection antibody: IL6 Recombinant antibody, PBS Only (Detector) 83747-6-PBS (240669A2). 100 µg. Concentration 1 mg/mL.

Alternative IL6 matched antibody pairs: MP00756-4

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

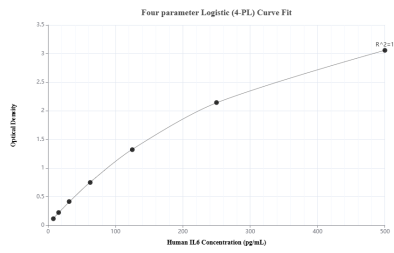
For technical support and original validation data for this product please contact:

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

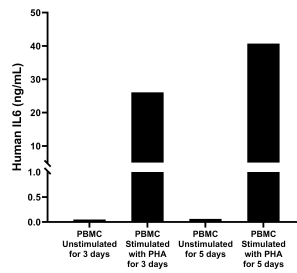
E: proteintech@ptglab.com
W: ptglab.com

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 MP00687-4, Human IL6 Recombinant Matched Antibody Pair - PBS only. 83747-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0117. 83747-6-PBS was HRP conjugated as the detection antibody. Range: 7.8-500 pg/mL



Human peripheral blood mononuclear cells (PBMC) (1×10^6 cells/mL) were cultured in DMEM supplemented with 8% fetal bovine serum, $5 \mu\text{M}$ β -mercaptoethanol, 2 mM L-glutamine, 100 U/mL penicillin, and 100 $\mu\text{g}/\text{mL}$ streptomycin sulfate. Cells were cultured unstimulated or stimulated with 10 $\mu\text{g}/\text{mL}$ PHA for 3 days and 5 days. Aliquots of the cell culture supernates were removed and assayed for levels of human IL6.