

IL-6 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

GenBank:

BC015511

Conjugate:

Unconjugated

Full name:

interleukin 6 (interferon, beta 2)

Gene ID:

3569

Detection Antibody Information

Catalog Number:

83747-9-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

240670A2

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 IL-6 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: IL-6 Recombinant antibody, PBS Only (Detector) 83747-9-PBS (240670A2). 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:

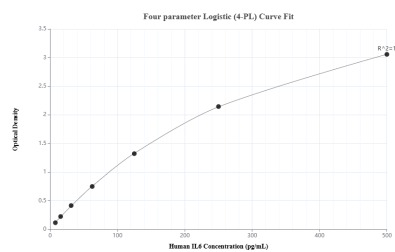
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

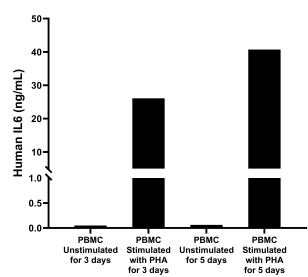
Storage buffer:

PBS only

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. 83747-9-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 $100 \mu\text{g/mL}$ streptomycin sulfate. Cells were cultured unstimulated or stimulated with $10 \mu\text{g/mL}$ PHA for 3 days and 5 days. Aliquots of the cell culture supernates were removed and assayed for levels of human IL6.