

Mouse IL-6 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00756-4**

Capture Antibody Information

Catalog Number:

83795-6-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

240701C11

Reactivity:

mouse

GenBank:

NM_031168

Conjugate:

Unconjugated

Full name:

interleukin 6

Gene ID:

16193

Detection Antibody Information

Catalog Number:

83795-1-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

240701E8

Reactivity:

mouse

GenBank:

NM_031168

Conjugate:

Unconjugated

Full name:

interleukin 6

Gene ID:

16193

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

MP00756-4 targets IL-6 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse IL6 Recombinant antibody, PBS Only (Capture) 83795-6-PBS (240701C11). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse IL-6 Recombinant antibody, PBS Only (Capture/Detector) 83795-1-PBS (240701E8). 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:

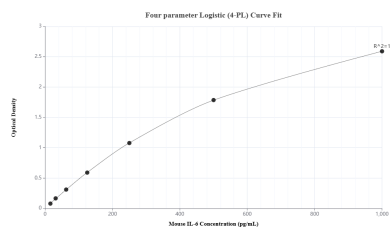
Store at -80°C.

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

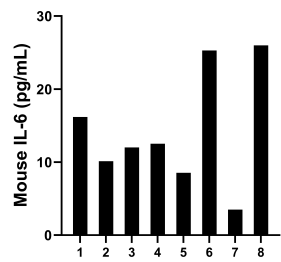
Storage buffer:

PBS only

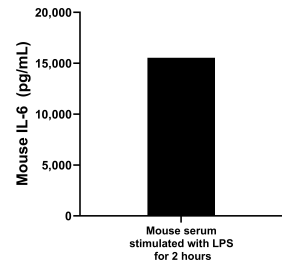
Selected Validation Data



Sandwich ELISA standard curve of MP00756-4, Mouse IL-6 Recombinant Matched Antibody Pair-PBS only. 83795-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0973. 83795-1-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL



Serum of eight mice was measured. The mouse IL-6 concentration of detected samples was determined to be 14.3 pg/mL with a range of 3.5-25.9 pg/mL



A mouse was stimulated with 15 μ g of LPS and was bled 2 hours after stimulation. The serum was tested for mouse IL-6 and measured 15,539.3 pg/mL