

For Research Use Only

Mouse Il10 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00507-4

Capture Antibody Information

Catalog Number:
82191-5-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240430A11

Reactivity:
mouse

Conjugate:
Unconjugated

Full name:
interleukin 10

Gene ID:
16153

Detection Antibody Information

Catalog Number:
82191-7-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240430D8

Reactivity:
mouse

GenBank:
NM_010548

Conjugate:
Unconjugated

Full name:
interleukin 10

Gene ID:
16153

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

MP00507-4 targets Il10 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse Il10 Recombinant antibody, PBS Only (Capture) 82191-5-PBS (240430A11). 100 µg. Concentration 1 mg/ml.

Detection antibody: Mouse Il10 Recombinant antibody, PBS Only (Detector) 82191-7-PBS (240430D8). 100 µg. Concentration 1 mg/ml.

Alternative Il10 matched antibody pairs: MP00507-1, MP00507-2, MP00507-3

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.
Storage buffer:
PBS only

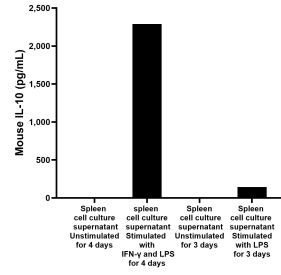
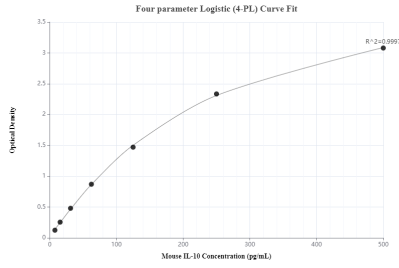
For technical support and original validation data for this product please contact:

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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 MP00507-4, MOUSE IL-10 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82191-5-PBS. Detection antibody: 82191-7-PBS. Standard: Eg0026. Range: 7.8-500 pg/mL.

Mouse splenocytes (1×10^6 cells/mL) were cultured for 4 days in RPMI supplemented with 10% fetal calf serum, 100 ng/mL of recombinant mouse IFN- γ and 1 μ g/mL of LPS. The mean IL-10 concentration was determined to be 7.59 pg/mL in unstimulated spleen cell culture supernatant, 2,461.0 pg/mL in IFN- γ and LPS stimulated spleen cell culture supernatant. Mouse splenocytes (1×10^6 cells/mL) were cultured for 3 days in RPMI supplemented with 10% fetal calf serum, 1