

Mouse IL-10 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 IL-10 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 IL-10 Recombinant antibody, PBS Only (Detector) 82191-7-PBS (240430D8). 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

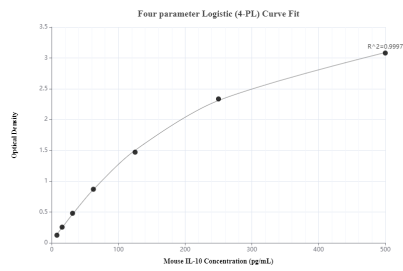
For technical support and original validation data for this product please contact:

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

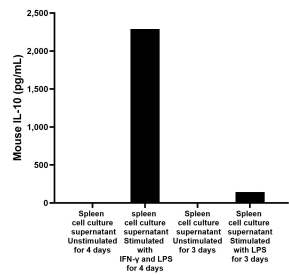
E: proteintech@ptglab.com
W: ptglab.com

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 MP00507-4, IL-10 Recombinant Matched Antibody Pair - PBS only. 82191-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0026.82191-7-PBS was HRP conjugated as the detection antibody. Range: 7.8-500 pg/mL



Mouse splenocytes (1 x 10⁶ 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 μg/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 x 10⁶ cells/mL) were cultured for 3 days in RPMI supplemented

