

For Research Use Only

Mouse IL-4 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP01896-4

Capture Antibody Information

Catalog Number:
85179-10-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
251776F7

Reactivity:
mouse

Immunogen Catalog Number:
Eg3750

Conjugate:
Unconjugated

Full name:
interleukin 4

Gene ID:
16189

Detection Antibody Information

Catalog Number:
85179-9-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
251776C8

Reactivity:
mouse

GenBank:
BC027514

Immunogen Catalog Number:
Eg3750

Conjugate:
Unconjugated

Full name:
interleukin 4

Gene ID:
16189

Applications

Tested Applications:
Sandwich ELISA

Range:
15.6-500 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

MP01896-4 targets IL-4 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse IL-4 Recombinant monoclonal antibody, PBS Only (Capture) 85179-10-PBS (251776F7). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse IL-4 Recombinant monoclonal antibody, PBS Only (Detector) 85179-9-PBS (251776C8). 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

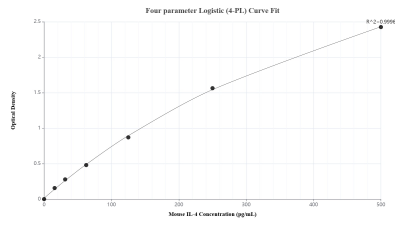
For technical support and original validation data for this product please contact:

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

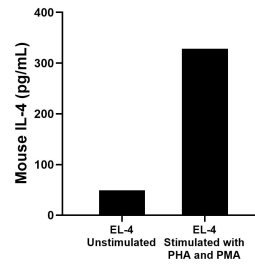
E: proteintech@ptglab.com
W: ptglab.com

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 MP01896-4, Mouse IL-4 Recombinant Matched Antibody Pair - PBS only. 85179-10-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3750. 85179-9-PBS was HRP conjugated as the detection antibody. Range: 15.6-500 pg/mL



EL-4 cells were cultured unstimulated or stimulated with 10 μ g/mL PHA and 10 ng/mL PMA for 2 days. The mean IL-4 concentration was determined to be 49.1 pg/mL in unstimulated EL-4 supernatant, 328.2 pg/mL in stimulated EL-4 supernatant.