

Mouse IL-4 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01896-3**

Capture Antibody Information

Catalog Number:
85179-7-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
242736G7
Reactivity:
mouse
GenBank:
BC027514
Immunogen Catalog Number:
Eg3750

Conjugate:
Unconjugated
Full name:
interleukin 4
Gene ID:
16189

Detection Antibody Information

Catalog Number:
85179-6-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
242736D10
Reactivity:
mouse
GenBank:
BC027514
Immunogen Catalog Number:
Eg3750

Conjugate:
Unconjugated
Full name:
interleukin 4
Gene ID:
16189

Applications

Tested Applications:
Cytometric bead array

Range:
1.563-100 ng/mL (Cytometric Bead Array)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP01896-3 targets IL-4 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: Mouse IL-4 Recombinant antibody, PBS Only (Capture) 85179-7-PBS (242736G7). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse IL-4 Recombinant antibody, PBS Only (Detector) 85179-6-PBS (242736D10). 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.

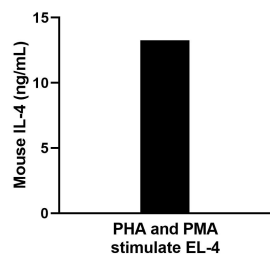
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

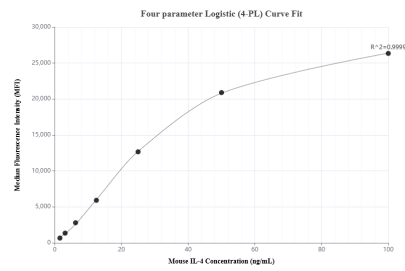
Storage

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



EL-4 mouse lymphoblast cells (9×10^5 cells/mL) were cultured for 2 days in DMEM supplemented with 10% fetal bovine serum and stimulated with $10 \mu\text{g/mL}$ PHA and 10 ng/mL PMA. An aliquot of the culture supernatant was removed, assayed for mouse IL-4, and measured 13.4 ng/mL .



Cytometric bead array standard curve of MP01896-3, MOUSE IL-4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85179-7-PBS. Detection antibody: 85179-6-PBS. Standard: Eg3750. Range: $1.563\text{--}100 \text{ ng/mL}$.