

Mouse MPO Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01284-4**

Capture Antibody Information

Catalog Number:

84436-3-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

241839F8

Reactivity:

mouse

GenBank:

AAR99349

Conjugate:

Unconjugated

Full name:

myeloperoxidase

Gene ID:

17523

Detection Antibody Information

Catalog Number:

84436-4-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

241839F3

Reactivity:

mouse

GenBank:

AAR99349

Conjugate:

Unconjugated

Full name:

myeloperoxidase

Gene ID:

17523

Applications

Tested Applications:

Sandwich ELISA

Range:

9.77-625 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

MP01284-4 targets MPO in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse Myeloperoxidase Recombinant antibody, PBS Only (Capture/Detector) 84436-3-PBS (241839F8). 100 μ g. Concentration 1 mg/mL.

Detection antibody: Mouse MPO Recombinant antibody, PBS Only (Detector) 84436-4-PBS (241839F3). 100 μ g. 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:

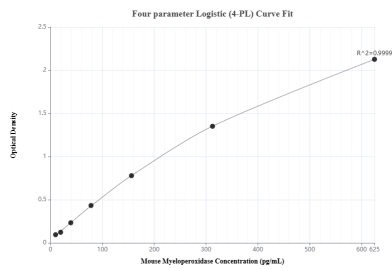
Store at -80°C.

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

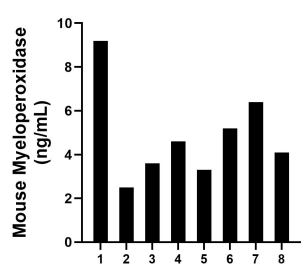
Storage buffer:

PBS only

Selected Validation Data



Sandwich ELISA standard curve of MP01284-4, Mouse MPO Recombinant Matched Antibody Pair - PBS only. 84436-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0702. 84436-4-PBS was HRP conjugated as the detection antibody. Range: 9.77-625 pg/mL



Serum of eight mice was measured. The mouse MPO concentration of detected samples was determined to be 4.86 ng/mL with a range of 2.54 - 9.19 ng/mL.