

Mouse TNF-alpha Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP00682-4

Capture Antibody Information

Catalog Number: 80260-4-PBS	Clone ID: 251853H7	Conjugate: Unconjugated
Host: Rabbit	Reactivity: mouse	Full name: tumor necrosis factor
Isotype: IgG	GenBank: NM_001278601.1	Gene ID: 21926
Purification Method: Protein A purification	Immunogen Catalog Number: Eg1773	

Detection Antibody Information

Catalog Number: 80260-3-PBS	Clone ID: 251853C11	Conjugate: Unconjugated
Host: Rabbit	Reactivity: mouse	Full name: tumor necrosis factor
Isotype: IgG	GenBank: NM_001278601.1	Gene ID: 21926
Purification Method: Protein A purification	Immunogen Catalog Number: Eg1773	

Applications

Tested Applications: Cytometric bead array	Range: 0.156-20 ng/mL (Cytometric Bead Array)	Recommended Dilutions: It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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Product Information

MP00682-4 targets TNF-alpha in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: Mouse TNF-alpha Recombinant monoclonal antibody, PBS Only (Capture) 80260-4-PBS (251853H7). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse TNF-alpha Recombinant monoclonal antibody, PBS Only (Detector) 80260-3-PBS (251853C11). 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.

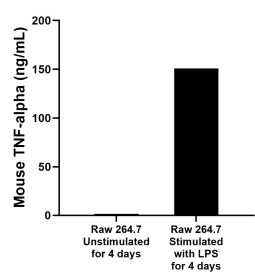
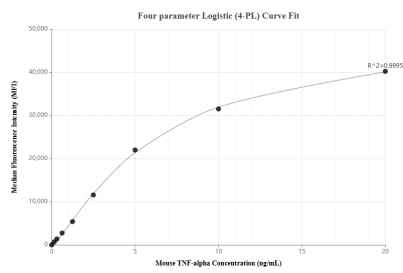
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

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



Cytometric bead array standard curve of MP00682-4, MOUSE TNF-alpha Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 80260-4-PBS. Detection antibody: 80260-3-PBS. Standard: Eg1773. Range: 0.156-20 ng/mL

RAW 264.7 mouse monocyte/macrophage cells (3.5×10^6 cells/mL) were cultured in DMEM supplemented with 8% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 μ g/mL streptomycin sulfate. Cells were cultured unstimulated or stimulated with 1 μ g/mL LPS for 4 days. Aliquots of the cell culture supernates were removed and assayed for levels of mouse TNF-alpha, and measured 1.6 ng/mL, 151.03 ng/mL, respectively.