For Research Use Only

Mouse M-CSF Recombinant Matched Antibody Pair, PBS Only

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Catalog Number:MP03182-2

Capture Antibody Information

Catalog Number:
87732-3-PBS

Clone ID:
253211A9

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
colony stimulating factor 1 (macrophage)

Isotype:
IgG

Immunogen Catalog Number:
Eg0684

Gene ID:
12977

Purification Method:
Protein A purification

Detection Antibody Information

Catalog Number:
87732-1-PBS

Clone ID:
253211A2

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
colony stimulating factor 1 (macrophage)

Isotype:
IgG

GenBank:
NM_001113530.1

Gene ID:
12977

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg0684

Applications

Tested Applications:
Sandwich ELISA

Range:
15.6-1000 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

MP03182-2 targets M-CSF in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse CSF-1/MCSF Recombinant monoclonal antibody, PBS Only (Capture) 87732-3-PBS (253211A9). 100 µg. Concentration 1 mg/ml.

Detection antibody: Mouse CSF-1/MCSF Recombinant monoclonal antibody, PBS Only (Detector) 87732-1-PBS (253211A2). 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.

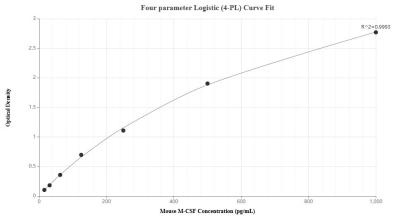
Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

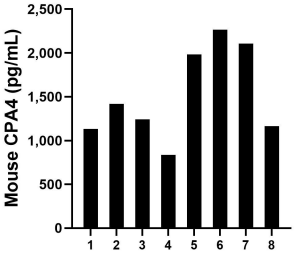
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

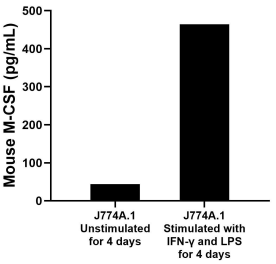
Selected Validation Data



Sandwich ELISA standard curve of MP03182-2, Mouse M-CSF Recombinant Matched Antibody Pair - PBS only. 87732-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0684. 87732-1-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL



Serum of eight mice was measured. The mouse M-CSF concentration of detected samples was determined to be 1,518.6 pg/mL with a range of 826.3 - 2,265.4 pg/mL.



J774A.1 were cultured in RPMI 1640 plus 15% fetal bovine serum and stimulated with 20 ng/mL IFN-γ and 1 µg/mL LPS for 4 days. The mean M-CSF concentration was determined to be 43.61 pg/mL in unstimulated J774A.1 supernatant, 464.7 pg/mL in stimulated J774A.1 supernatant.