For Research Use Only

Mouse CSF-1/MCSF Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:87732-1-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
87732-1-PBS

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG0684

GenBank Accession Number:
NM_001113530.1

GeneID (NCBI):
12977

UNIPROT ID:
P07141-1

Full Name:
colony stimulating factor 1 (macrophage)

Calculated MW:
61KD

Purification Method:
Protein A purification

CloneNo.:
253211A2

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:
mouse

Background Information

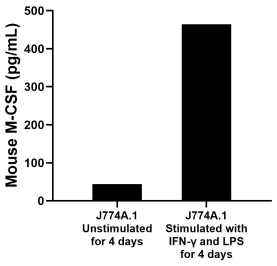
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

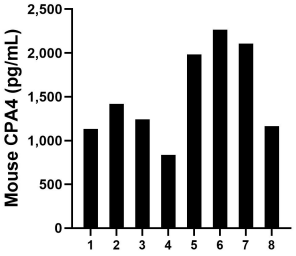
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

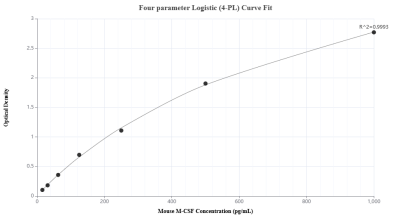
Selected Validation Data



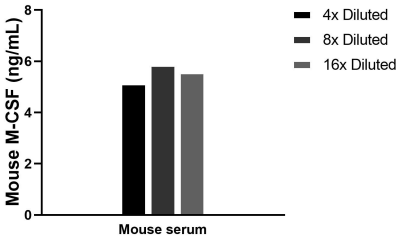
J774A.1 were cultured in RPMI 1640 plus 15% fetal bovine serum and stimulated with 20 ng/mL IFN- γ and 1 μ g/mL LPS for 4 days. The mean M-CSF concentration was determined to be 43.61 pg/mL in unstimulated J774A.1 supernatant, 464.7 pg/mL in stimulated J774A.1 supernatant.



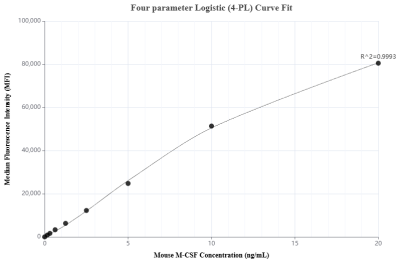
Serum of eight mice was measured. The mouse M-CSF concentration of detected samples was determined to be 1,518.6 pg/mL with a range of 826.3 - 2,265.4 pg/mL.



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



The mean M-CSF concentration was determined to be 5.5 ng/mL in mouse serum.



Cytometric bead array standard curve of MP03182-1, MOUSE M-CSF Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87732-2-PBS. Detection antibody: 87732-1-PBS. Standard: Eg0684. Range: 0.156-20 ng/mL.