For Research Use Only

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

Catalog Number:87732-3-PBS

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

Basic Information

Catalog Number:
87732-3-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

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.:
253211A9

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
mouse

Product Information

87732-3-PBS targets CSF-1/MCSF as part of a matched antibody pair:

MP03182-2: 87732-3-PBS capture and 87732-1-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

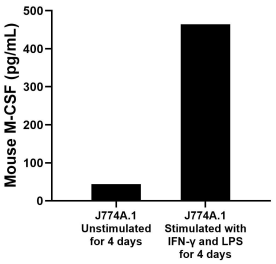
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

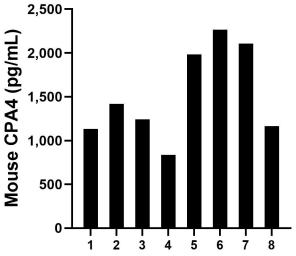
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

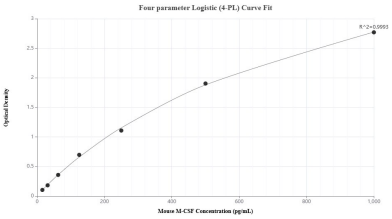
Selected Validation Data



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.



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