

For Research Use Only

Mouse M-CSF R/CD115 Recombinant antibody, PBS Only (Detector)

Catalog Number: 84919-2-PBS



Basic Information

Catalog Number:

84919-2-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001037859.2

GeneID (NCBI):

12978

UNIPROT ID:

P09581

Full Name:

colony stimulating factor 1 receptor

Calculated MW:

109 kDa

Purification Method:

Protein A purification

CloneNo.:

242213D2

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

mouse

Product Information

84919-2-PBS targets M-CSF R/CD115 as part of a matched antibody pair:

MP01676-1: 84919-3-PBS capture and 84919-2-PBS detection (validated in Cytometric bead array)

MP01676-2: 84919-1-PBS capture and 84919-2-PBS detection (validated in Cytometric bead array, 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

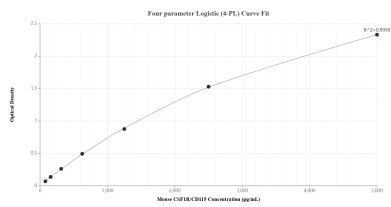
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

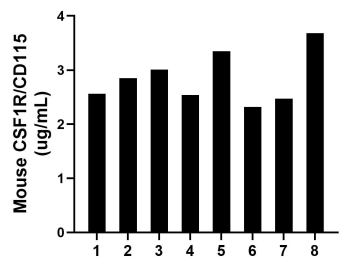
E: proteintech@ptglab.com
W: ptglab.com

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

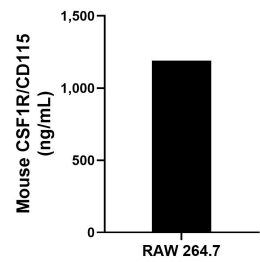
Selected Validation Data



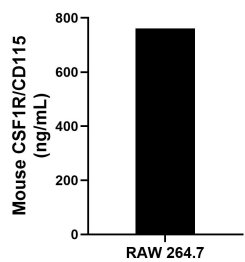
Sandwich ELISA standard curve of MP01676-2, Mouse CSF1R/CD115 Recombinant Matched Antibody Pair - PBS only. 84919-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1816. 84919-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



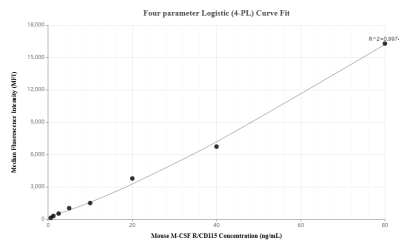
Serum of eight mice was measured. The CSF1R/CD115 concentration of detected samples was determined to be 2.9 ug/mL with a range of 2.3-3.7 ug/mL.



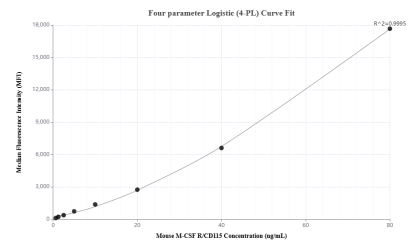
RAW 264.7 were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for mouse CSF1R/CD115, and measured 1,189.8 pg/mL



The mean CSF1R/CD115 concentration was determined to be 760.8 ng/mL in RAW 264.7 cell extract based on a 7.5 mg/mL extract load.



Cytometric bead array standard curve of MP01676-2, MOUSE CSF1R/CD115 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84919-1-PBS. Detection antibody: 84919-2-PBS. Standard: Eg1816. Range: 0.625-80 ng/mL



Cytometric bead array standard curve of MP01676-1, MOUSE CSF1R/CD115 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84919-3-PBS. Detection antibody: 84919-2-PBS. Standard: Eg1816. Range: 0.625-80 ng/mL