

For Research Use Only

Mouse CSF1R/CD115 Recombinant monoclonal antibody, PBS Only

Catalog Number: 84919-6-PBS



Basic Information

Catalog Number:

84919-6-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1816

GenBank Accession Number:

NM_001037859.2

GeneID (NCBI):

12978

UNIPROT ID:

P09581

Full Name:

colony stimulating factor 1 receptor

Calculated MW:

109 kDa

Observed MW:

110-170 kDa

Purification Method:

Protein A purification

CloneNo.:

242213G11

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

mouse

Background Information

CSF1R (colony-stimulating factor 1 receptor) belongs to the type III protein tyrosine kinase receptor family. CSF1R-mediated signaling is crucial for the differentiation and survival of the mononuclear phagocyte system and macrophages in particular (PMID: 28716061).

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:

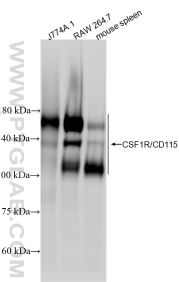
T: 4006900926

E: Proteintech-CN@ptglab.com

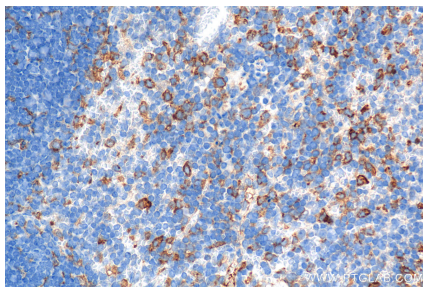
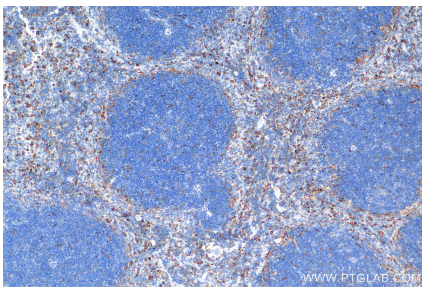
W: ptgcn.com

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Selected Validation Data

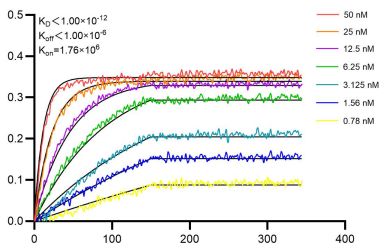


Various lysates were subjected to SDS PAGE followed by western blot with 84919-6-RR (CSF1R/CD115 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84919-6-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 84919-6-RR (M-CSF R/CD115 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84919-6-PBS in a different storage buffer formulation.

Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 84919-6-RR (M-CSF R/CD115 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84919-6-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84919-6-RR against Mouse CSF1R/CD115 were performed. The affinity constant is below 1 pM.