

For Research Use Only

CSF1R/CD115 Recombinant monoclonal antibody

Catalog Number: 84919-6-RR



Basic Information

Catalog Number: 84919-6-RR	GenBank Accession Number: NM_001037859.2	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 12978	CloneNo.: 242213G11
Source: Rabbit	UNIPROT ID: P09581	Recommended Dilutions: WB: 1:1000-1:4000 IHC: 1:500-1:2000
Isotype: IgG	Full Name: colony stimulating factor 1 receptor	
Immunogen Catalog Number: EG1816	Calculated MW: 109 kDa	
	Observed MW: 110-170 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : J774A.1 cells, RAW 264.7 cells, mouse spleen tissue IHC : mouse spleen tissue,
Species Specificity: mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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

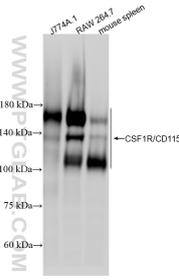
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

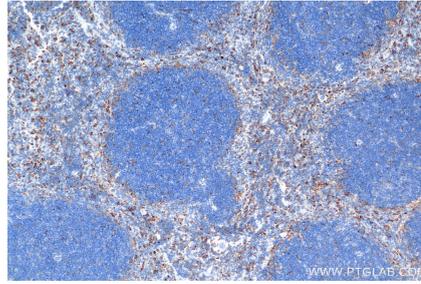
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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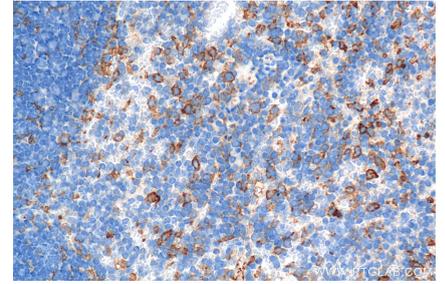
Selected Validation Data



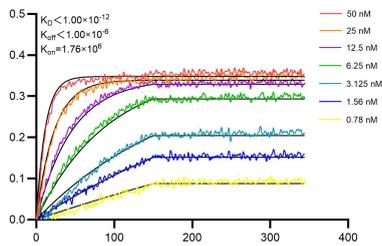
Various lysates were subjected to SDS PAGE followed by western blot with 84919-6-RR (CSF1R/CD115 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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).



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).



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