

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
Source: Rabbit	GeneID (NCBI): 12978	CloneNo.: 242213G11
Isotype: IgG	UNIPROT ID: P09581	Recommended Dilutions: WB: 1:1000-1:4000 IHC: 1:500-1:2000
Immunogen Catalog Number: EG1816	Full Name: colony stimulating factor 1 receptor	
	Calculated MW: 109 kDa	
	Observed MW: 110-170 kDa	

Applications

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

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

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

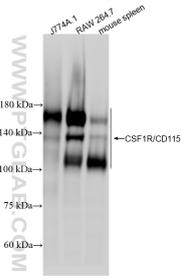
T: 4006900926

E: Proteintech-CN@ptglab.com

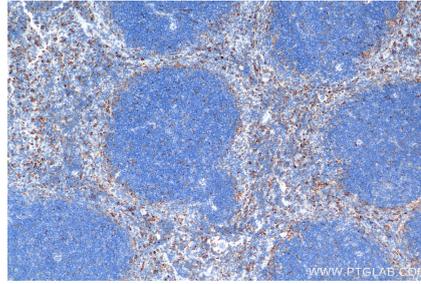
W: ptgcn.com

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

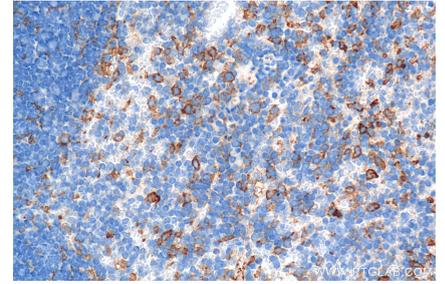
Selected Validation Data



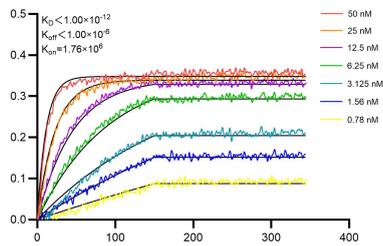
Various lysates were subjected to SDS PAGE followed by western blot with 84919-6-RR (CSF1R/CD115 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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.