

For Research Use Only

# Mouse CSF1R/CD115 Recombinant monoclonal antibody, PBS Only

Catalog Number:84919-6-PBS



## Basic Information

<b>Catalog Number:</b> 84919-6-PBS	<b>GenBank Accession Number:</b> NM_001037859.2	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 12978	<b>CloneNo.:</b> 242213G11
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P09581	
<b>Isotype:</b> IgG	<b>Full Name:</b> colony stimulating factor 1 receptor	
<b>Immunogen Catalog Number:</b> EG1816	<b>Calculated MW:</b> 109 kDa	
	<b>Observed MW:</b> 110-170 kDa	

## 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.

**Storage Buffer:**  
PBS only, pH7.3

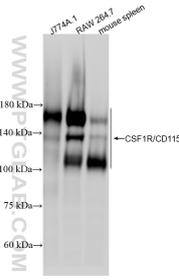
For technical support and original validation data for this product please contact:

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

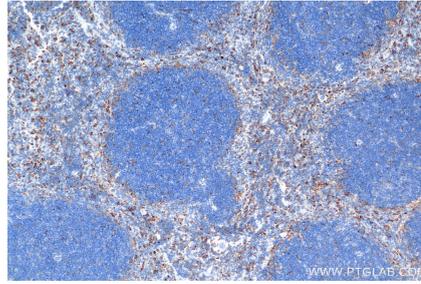
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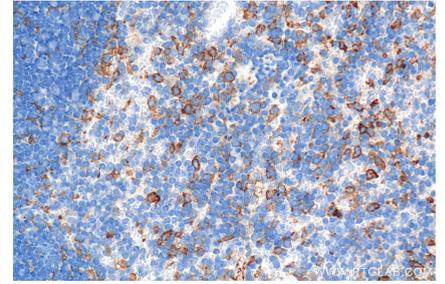
## Selected Validation Data



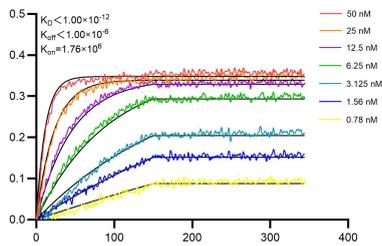
Various lysates were subjected to SDS PAGE followed by western blot with 84919-6-RR (CSF1R/CD115 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84919-6-PBS in a different storage buffer formulation.



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.