

For Research Use Only

# CSF1R/CD115 Recombinant antibody

Catalog Number: 84477-6-RR



## Basic Information

<b>Catalog Number:</b> 84477-6-RR	<b>GenBank Accession Number:</b> BC047521	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 1436	<b>CloneNo.:</b> 241675D4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P07333	<b>Recommended Dilutions:</b> WB 1:2000-1:16000 IF/ICC 1:125-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> colony stimulating factor 1 receptor	
	<b>Calculated MW:</b> 972 aa, 108 kDa	
	<b>Observed MW:</b> 160 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b> WB : THP-1 cells, IF/ICC : THP-1 cells,
<b>Species Specificity:</b> human	

## 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 pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

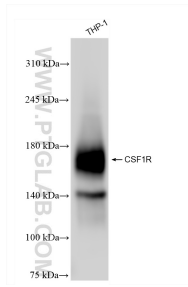
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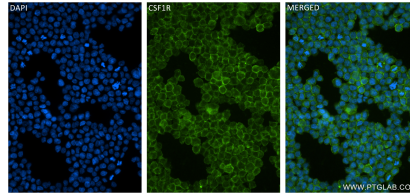
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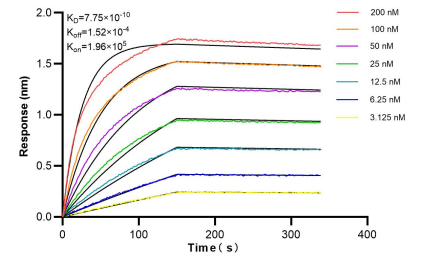
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84477-6-RR (CSF1R antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using CSF1R antibody (84477-6-RR, Clone: 241675D4) at dilution of 1:250 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Bioluminescence resonance energy transfer (BLI) kinetic assays of 84477-6-RR against Human CSF1R were performed. The affinity constant is 0.775 nM.