

For Research Use Only

CSF1R/CD115 Recombinant antibody

Catalog Number: 84477-6-RR



Basic Information

Catalog Number: 84477-6-RR	GenBank Accession Number: BC047521	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1436	CloneNo.: 241675D4
Source: Rabbit	UNIPROT ID: P07333	Recommended Dilutions: WB 1:2000-1:16000 IF/ICC 1:125-1:500
Isotype: IgG	Full Name: colony stimulating factor 1 receptor	
	Calculated MW: 972 aa, 108 kDa	
	Observed MW: 160 kDa	

Applications

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

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

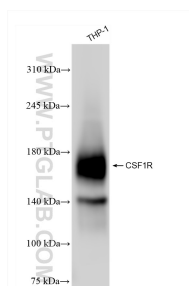
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

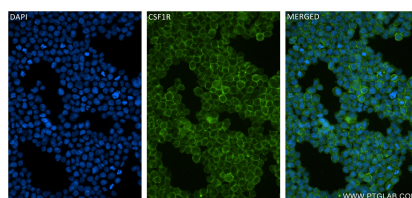
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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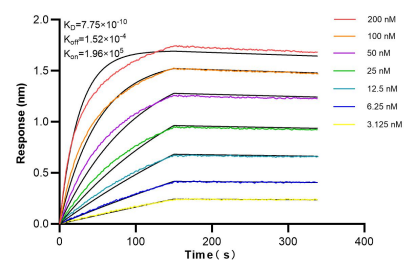
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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).



Biolayer interferometry (BLI) kinetic assays of 84477-6-RR against Human CSF1R were performed. The affinity constant is 0.775 nM.