

For Research Use Only



# CoraLite® Plus 488-conjugated CSF1R/CD115 Recombinant monoclonal antibody

Catalog Number: **CL488-84919**

## Basic Information

Catalog Number: CL488-84919	GenBank Accession Number: NM_001037859.2	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 12978	CloneNo.: 242213B1
Source: Rabbit	UNIPROT ID: P09581	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: colony stimulating factor 1 receptor	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: EG1816	Calculated MW: 109 kDa	
	Observed MW: 110-170 kDa	

## Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : RAW 264.7 cells,
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).

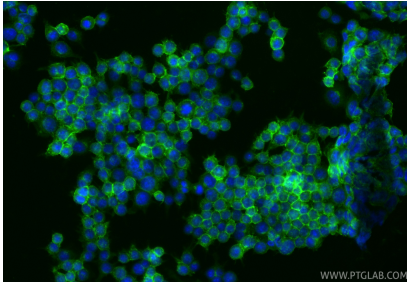
## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3  
Aliquoting is unnecessary for -20°C storage

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](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol)  
fixed RAW 264.7 cells using CoraLite® Plus 488  
CSF1R/CD115 antibody (CL488-84919, Clone:  
242213B1 ) at dilution of 1:200.