For Research Use Only

CSF1R/CD115 Polyclonal antibody

Catalog Number:25949-1-AP 20 Publications

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Basic Information

Catalog Number:
25949-1-AP

Size:
150ul , Concentration: 500 ug/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG22845

GenBank Accession Number:
BC047521

GeneID (NCBI):
1436

UNIPROT ID:
P07333

Full Name:
colony stimulating factor 1 receptor

Calculated MW:
972 aa, 108 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IHC: 1:50-1:500
IF-P: 1:50-1:500
IF/ICC: 1:200-1:800

Applications

Tested Applications:
IHC, IF/ICC, IF-P, IP, ELISA

Cited Applications:
WB, IHC, IF

Species Specificity:
human

Cited Species:
human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IP : THP-1 cells,

IHC : human cerebellum tissue, human brain tissue

IF-P : human tonsillitis tissue,

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).

Notable Publications

Author	Pubmed ID	Journal	Application
Teresa W-M Fan	36150727	J Immunol	
Lifeng Wang	36160014	Front Genet	IHC
Justyna M Przystal	34063518	Cancers (Basel)	IHC

Storage

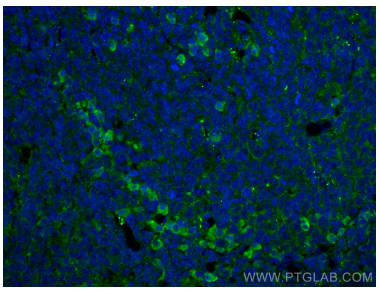
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

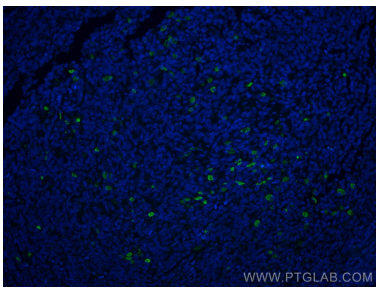
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CSF1R antibody (25949-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



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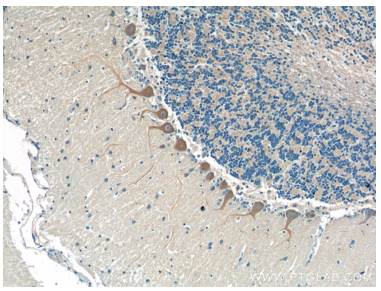
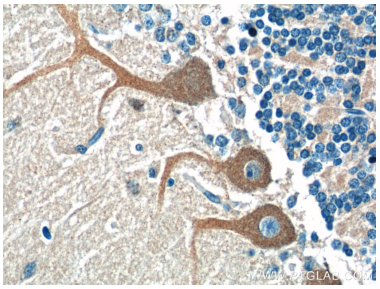
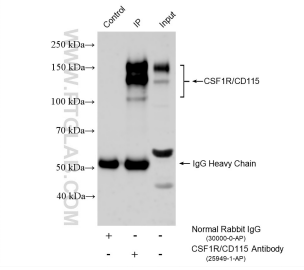


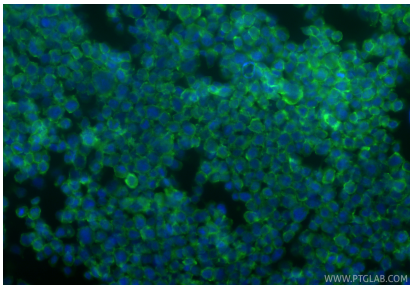
Immunohistochemical analysis of paraffin-embedded human cerebellum tissue slide using 25949-1-AP (CSF1R Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human cerebellum tissue slide using 25949-1-AP (CSF1R Antibody) at dilution of 1:200 (under 40x lens).



IP result of anti-CSF1R/CD115 (IP:25949-1-AP, 4ug; Detection:25949-1-AP 1:800) with THP-1 cells lysate 1600 ug.



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using CSF1R/CD115 antibody (25949-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).