

For Research Use Only

CSF1R/CD115 Recombinant antibody, PBS Only

Catalog Number: 84477-6-PBS



Basic Information

Catalog Number:

84477-6-PBS

Size:

100ug, Concentration: 1 mg/ml by
Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC047521

GeneID (NCBI):

1436

UNIPROT ID:

P07333

Full Name:

colony stimulating factor 1 receptor

Calculated MW:

972 aa, 108 kDa

Observed MW:

160 kDa

Purification Method:

Protein A purification

CloneNo.:

241675D4

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

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 -80°C.

Storage Buffer:

PBS Only

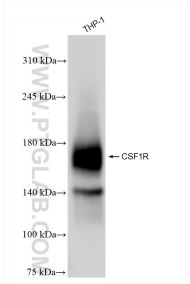
For technical support and original validation data for this product please contact:

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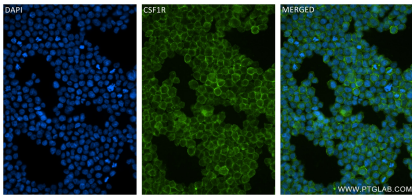
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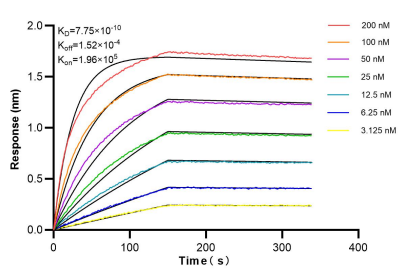
Selected Validation Data



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. This data was developed using the same antibody clone with 84477-6-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 84477-6-PBS in a different storage buffer formulation.



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