

Datasheet for ABIN359787
anti-CSF1R antibody (C-Term)



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2 Images

Overview

Quantity:	0.4 mL
Target:	CSF1R
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CSF1R antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human CSF1R.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to MCSF Receptor (CSF1R).
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

Target Details

Target:	CSF1R
Alternative Name:	CD115 (CSF1R Products)

Target Details

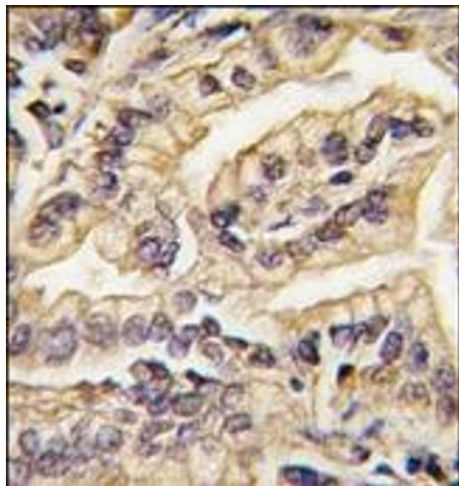
Background:	CSF1R is the receptor for colony stimulating factor 1, a cytokine which controls the production, differentiation, and function of macrophages. This receptor mediates most if not all of the biological effects of this cytokine. Ligand binding activates the receptor kinase through a process of oligomerization and transphosphorylation. This protein is a tyrosine kinase transmembrane receptor and member of the CSF1/PDGF receptor family of tyrosine-protein kinases. Mutations in the gene encoding CSF1R have been associated with a predisposition to myeloid malignancy.Synonyms: CSF-1-R, CSF1R, FMS, Fms proto-oncogene, Macrophage colony-stimulating factor 1 receptor, c-fms
Gene ID:	1436, 9606
UniProt:	P07333
Pathways:	RTK Signaling , Inositol Metabolic Process , Cell-Cell Junction Organization

Application Details

Application Notes:	ELISA: 1/1,000. Western blotting: 1/100 - 1/500. Immunohistochemistry: 1/50 - 1/100. Flow cytometry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

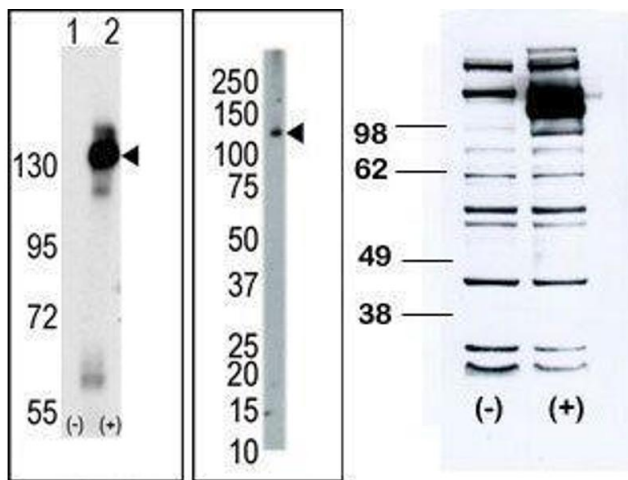
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with CSF1R Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



Western Blotting

Image 2. (LEFT) Western blot analysis of CSF1R (arrow) using rabbit polyclonal CSF1R Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the CSF1R gene (Lane 2). (MIDDLE) Western blot analysis of anti-CSF1R Pab in human placenta. CSF1R (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence. (RIGHT) Western blot analysis of anti-CSF1R Pab transiently transfected HEK-293 cell line lysate (1ug/lane). CSF1R pab (arrow) was detected using the purified Pab (1:1500 dilution).