

Datasheet for ABIN1531441
anti-CSF1R antibody (pTyr723)



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2 Images

Overview

Quantity:	100 µL
Target:	CSF1R
Binding Specificity:	AA 691-740, pTyr723
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CSF1R antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human M-CSF Receptor around the phosphorylation site of Tyr723.
Isotype:	IgG
Specificity:	M-CSF Receptor (Phospho-Tyr723) Antibody detects endogenous levels of M-CSF Receptor only when phosphorylated at Tyr723. PhosphorylationH:Y723 M:Y721 R:Y721
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

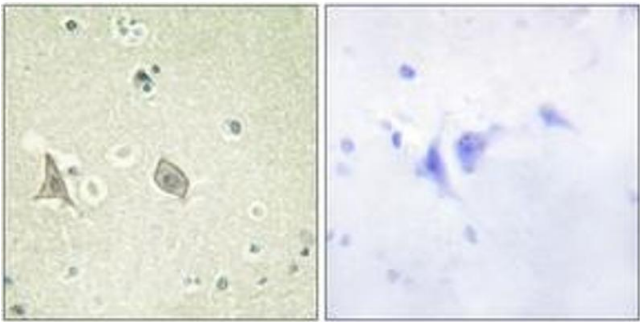
Target:	CSF1R
Alternative Name:	M-CSF Receptor (CSF1R Products)
Background:	Synonyms: c-fms, CD115, CSF-1-R, CSF1R, CSFMR, FMS, Fms proto-oncogene, kinase CSFR, M-CSFR, Macrophage colony stimulating factor I receptor precursor NCBI Gene Symbol: CSF1R
Molecular Weight:	107 kDa
Gene ID:	1436
OMIM:	164770
UniProt:	P07333
Pathways:	RTK Signaling , Inositol Metabolic Process , Cell-Cell Junction Organization

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:5000
Comment:	Unigene-Number: Hs.586219, Hs.654394 (NCBI Gene Symbol: CSF1R)
Restrictions:	For Research Use only

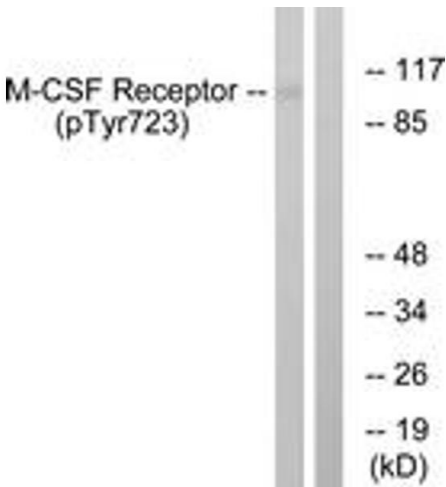
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human brain, using M-CSF Receptor (Phospho-Tyr723) Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 2. Western blot analysis of extracts from HuvEc cells treated with PMA 125ng/ml 30', using M-CSF Receptor (Phospho-Tyr723) Antibody. The lane on the right is treated with the synthesized peptide.