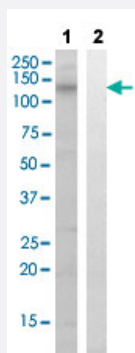


CSF1R (phospho Y561) polyclonal antibody

Catalog # PAB29277

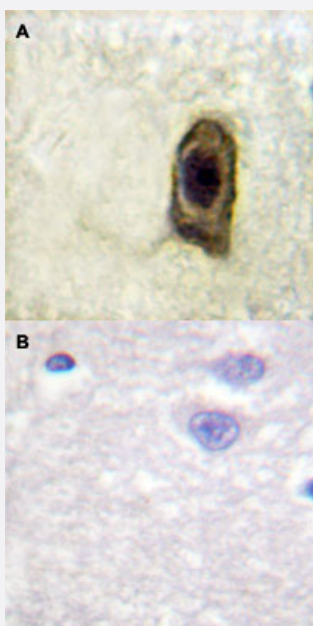
Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Lane 1: PMA treated HepG2 cells, Lane 2: antigen-specific peptide treated HepG2 cells with CSF1R (phospho Y561) polyclonal antibody (Cat# PAB29277) at 1:500-1:1000 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human brain tissue with CSF1R (phospho Y561) polyclonal antibody (Cat# PAB29277) without blocking peptide (A) or preincubated with blocking peptide (B) under 1:50-1:100 dilution.

Specification

Product Description

Rabbit polyclonal antibody raised against synthetic phosphopeptide of human CSF1R.

Immunogen

Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding Y561 of human CSF1R.

Host	Rabbit
Theoretical MW (kDa)	130
Reactivity	Human, Mouse
Specificity	CSF1R (phospho Y561) polyclonal antibody detects endogenous levels of human CSF1R only when phosphorylated at tyrosine 561.
Form	Liquid
Purification	Affinity Chromatography
Recommend Usage	Immunohistochemistry (1:50~1:100) Western Blot (1:500~1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg^{2+} and Ca^{2+}), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Gene Info — CSF1R

Entrez GeneID	1436
Protein Accession#	P07333
Gene Name	CSF1R
Gene Alias	C-FMS, CD115, CSFR, FIM2, FMS

Gene Description	colony stimulating factor 1 receptor
Omim ID	164770
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene 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. The encoded protein is a tyrosine kinase transmembrane receptor and member of the CSF1/PDGF receptor family of tyrosine-protein kinases. Mutations in this gene have been associated with a predisposition to myeloid malignancy. The first intron of this gene contains a transcriptionally inactive ribosomal protein L7 processed pseudogene oriented in the opposite direction. [provided by RefSeq]
Other Designations	CD115 antigen FMS proto-oncogene McDonough feline sarcoma viral (v-fms) oncogene homolog macrophage colony stimulating factor I receptor soluble CSF1R variant 1

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Endocytosis](#)
- [Hematopoietic cell lineage](#)
- [Pathways in cancer](#)

Disease

- [Asthma](#)
- [Genetic Predisposition to Disease](#)
- [Heart Defects](#)
- [Lung Neoplasms](#)
- [Myelodysplastic Syndromes](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Purpura](#)

- [Tobacco Use Disorder](#)
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- [Werner syndrome](#)