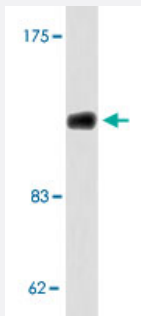


CSF1R polyclonal antibody

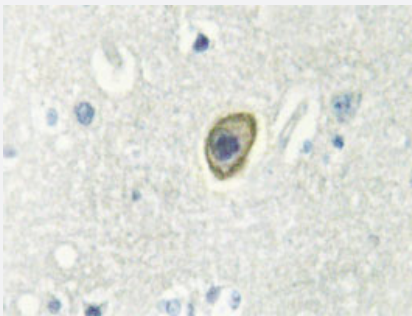
Catalog # PAB25092 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HT-29 cell lysate with CSF1R polyclonal antibody (Cat # PAB25092).



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

Immunohistochemical analysis of paraffin-embedded human brain tissue using CSF1R polyclonal antibody (Cat # PAB25092).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CSF1R.
Immunogen	A synthetic peptide corresponding to CSF1R.
Host	Rabbit
Theoretical MW (kDa)	130
Reactivity	Human
Specificity	CSF1R polyclonal antibody detects endogenous levels of CSF1R protein.
Form	Liquid

Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage 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.

Applications

- Western Blot (Cell lysate)

Western blot analysis of HT-29 cell lysate with CSF1R polyclonal antibody (Cat # PAB25092).

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

Immunohistochemical analysis of paraffin-embedded human brain tissue using CSF1R polyclonal antibody (Cat # PAB25092).

- Immunofluorescence

Gene Info — CSF1R

Entrez GeneID	1436
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](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)