

c-Fms (phospho Tyr809) rabbit pAb

Cat No.:ES4845

For research use only

Overview

Product Name	c-Fms (phospho Tyr809) rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA:
	1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized
2	peptide derived from human CSFR around the
	phosphorylation site of Tyr809. AA range:781-830
Specificity	Phospho-c-Fms (Y809) Polyclonal Antibody detects
	endogenous levels of c-Fms protein only when
	phosphorylated at Y809.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and
	0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Macrophage colony-stimulating factor 1 receptor
Gene Name	CSF1R
Cellular localization	Cell membrane; Single-pass type I membrane
	protein.
Purification	The antibody was affinity-purified from rabbit
	antiserum by affinity-chromatography using
	epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	1436
Human Swiss-Prot Number	P07333
Alternative Names	CSF1R; FMS; Macrophage colony-stimulating factor
	1 receptor; CSF-1 receptor; CSF-1-R; CSF-1R;
	M-CSF-R; Proto-oncogene c-Fms; CD antigen CD115
Background	The protein encoded by this gene is the receptor for
	colony stimulating factor 1, a cytokine which
	controls the production, differentiation, and
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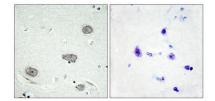
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function of macrophages. This receptor mediates most if not all of the biological effects of this cytokine. Ligand binding activates the receptor kinase through a process of oligomerization and transphosphorylation. The encoded protein is a tyrosine 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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013],

Immunohistochemistry analysis of paraffin-embedded human brain, using CSFR (Phospho-Tyr809) Antibody. The picture on the right is blocked with the phospho peptide.





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