



c-Fms (phospho Tyr809) Polyclonal Antibody

catalog NoBYab-13061IsotypeIgGReactivityHuman;Rat;Mouse;ApplicationsIHC;IF;ELISAGene NameCSF1RProtein NameMacrophage colony-stimulating factor 1 receptorImmunogenThe antiserum was produced against synthesized peptide derived from human CSFR around the phosphorylation site of Tyr809. AA range:781-830SpecificityPhospho-c-Fms (Y800) Polyclonal Antibiody detects endogenous levels of c-Fms Protein only when phosphorylated at Y809.FormulationLiquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.SourcePolyclonal, Rabbit,IgGPurificationThe antibody was affinity-purified from rabbit antiserum by affinity-chromatgraphy using epitope-specific immunogen.DilutionI mg/mlPurify290%Storage Stability-20°C/1 yearSourceCSF1R; FMS; Macrophage colony-stimulating factor 1 receptor; CSF-1 receptor; CSF-1 R; CSF-1R; M-CSF-R; Proto-oncogene c-Fms; CD antigen CD115Observed Band130-170kDCell PathwayCell membrane; Single-pass type I membrane protein.Tissue SpecificityExpressed in bone marrow and in differentiated blood mononuclear cells.Functioncatalytic activity/ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate_function.Protein kinase superfamily_tyr protein kinase family_similarity/Edenogs to the protein kinase superfamily_tyr protein kinase family_similarity/Contains 5 [J elike C2-type (immunoged colons). The protein kinase family_similarity/Edenogs to the protein kinase superfamily_tyr protein kinase family_similarity/Edenogs to the protein kinase superfamily_ty		
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Nanjing BYabscience technology Co.,Ltd

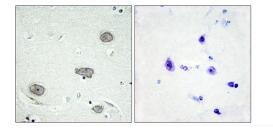


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Background	The protein encoded by this gene is the receptor for colony stimulating factor 1, a cytokine which controls the production, differentiation, and function of macrophages. This receptor mediates most if not all of the biological effects of 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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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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