



M-CSF Monoclonal Antibody

Catalog No	YP-Ab-15849
Isotype	IgG
Reactivity	Human
Applications	WB;IHC;IF;ELISA
Gene Name	CSF1
Protein Name	Macrophage colony-stimulating factor 1
Immunogen	Purified recombinant fragment of human M-CSF expressed in E. Coli.
Specificity	M-CSF Monoclonal Antibody detects endogenous levels of M-CSF protein.
Formulation	Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.
Source	Monoclonal, Mouse
Purification	Affinity purification
Dilution	WB: 1/500 - 1/2000. IHC: 1/200 - 1/1000. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CSF1; Macrophage colony-stimulating factor 1; CSF-1; M-CSF; MCSF; Lanimostim
Observed Band	
Cell Pathway	Cell membrane ; Single-pass type I membrane protein .; [Processed macrophage colony-stimulating factor 1]: Secreted, extracellular space.
Tissue Specificity	Endometrium,Kidney,Pancreatic carcinoma,T lymphoblast,Trophoblast,Urine,
Function	function:Granulocyte/macrophage colony-stimulating factors are cytokines that act in hematopoiesis by controlling the production, differentiation, and function of 2 related white cell populations of the blood, the granulocytes and the monocytes-macrophages. CSF-1 induces cells of the monocyte/macrophage lineage. It plays a role in immunological defenses, bone metabolism, lipoproteins clearance, fertility and pregnancy.,PTM:Glycosylation and proteolytic cleavage yield different soluble forms. A high molecular weight soluble form is a proteoglycan containing chondroitin sulfate.,PTM:Isoform 1 is N- and O-glycosylated. Isoform 3 is N-glycosylated.,subunit:Homodimer or heterodimer; disulfide-linked.,
Background	The protein encoded by this gene is a cytokine that controls the production, differentiation, and function of macrophages. The active form of the protein is found extracellularly as a disulfide-linked homodimer, and is thought to be produced by proteolytic cleavage of membrane-bound precursors. The encoded protein may be involved in development of the placenta. Alternate splicing results



in multiple transcript variants. [provided by RefSeq, Sep 2011],

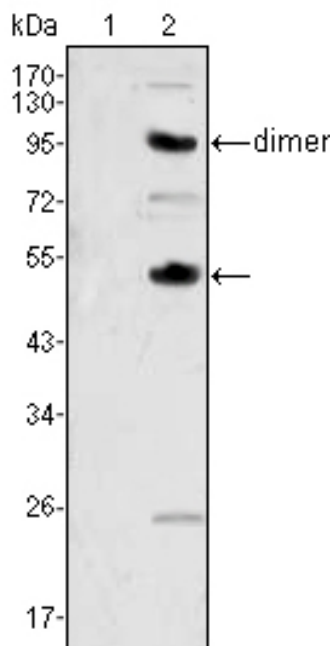
matters needing attention

Avoid repeated freezing and thawing!

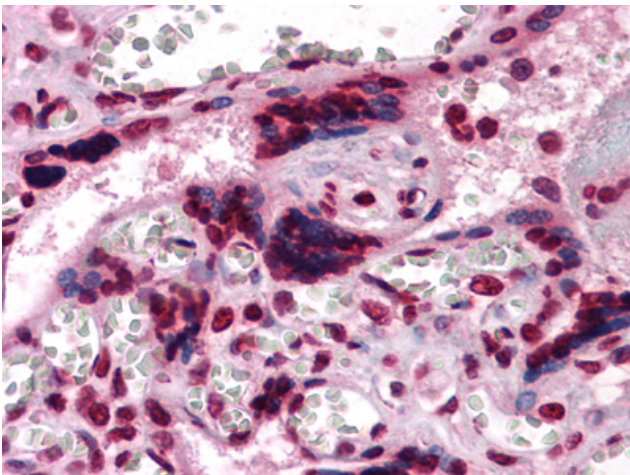
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis using M-CSF Monoclonal Antibody against human recombinant CSF2 (1) and CSF1 (2).



Immunohistochemistry analysis of paraffin-embedded human Placenta tissues with AEC staining using M-CSF Monoclonal Antibody.