

For Research Use Only

# M-CSF Polyclonal antibody

Catalog Number: 14779-1-AP **9 Publications**



## Basic Information

<b>Catalog Number:</b> 14779-1-AP	<b>GenBank Accession Number:</b> BC021117	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 600 µg/ml	<b>GeneID (NCBI):</b> 1435	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P09603	
<b>Isotype:</b> IgG	<b>Full Name:</b> colony stimulating factor 1 (macrophage)	
<b>Immunogen Catalog Number:</b> AG6294	<b>Calculated MW:</b> 60 kDa	
	<b>Observed MW:</b> 70 kDa	

## Applications

**Tested Applications:**  
ELISA

**Cited Applications:**  
WB, IF, Cell treatment

**Species Specificity:**  
human

**Cited Species:**  
human, mouse

## Background Information

Colony stimulating factor-1 (CSF-1) is a homodimeric glycoprotein that humorally regulates the proliferation and differentiation of mononuclear phagocytic cells and locally regulates cells of the female reproductive tract. Alternative splicing of the human CSF-1 mRNA leads to alternative expression of the CSF-1 homodimer as a secreted glycoprotein or as a membrane-spanning molecule with cell surface biological activity. CSF-1 is predominantly secreted as highly sulfated species of 375- and 250-kDa with a smaller amount of a 100-kDa species. The three predominant CSF-1 species were shown to be an 80-kDa homodimer, an 80-kDa/50-kDa heterodimer, and a 50-kDa homodimer. (PMID: 1733926) This antibody could recognize 60 kDa, 48 kDa, 29 kDa isoforms.

## Notable Publications

Author	Pubmed ID	Journal	Application
Chengmei Huang	34583750	J Exp Clin Cancer Res	WB
Marianne R Perera	36232315	Int J Mol Sci	IF
Xiaoqing Lu	31853223	Int J Biol Sci	WB

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

**Aliquoting is unnecessary for -20°C storage**

For technical support and original validation data for this product please contact:

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