

For Research Use Only

M-CSF Polyclonal antibody

Catalog Number: 14779-1-AP

9 Publications



Basic Information

Catalog Number:

14779-1-AP

Size:

150ul, Concentration: 600 µg/ml by Nanodrop and 327 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6294

GenBank Accession Number:

BC021117

GeneID (NCBI):

1435

UNIPROT ID:

P09603

Full Name:

colony stimulating factor 1 (macrophage)

Calculated MW:

60 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

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, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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