For Research Use Only

M-CSF Polyclonal antibody

Catalog Number:14779-1-AP 9 Publications



Basic Information	Catalog Number: 14779-1-AP	GenBank Accessio BC021117	n Number:	Purification Method Antigen affinity pur	
	Size: 150ul, Concentration: 600 µg/ml by Nanodrop and 327 µg/ml by Bradford method using BSA as the standard; Source: Rabbit Isotype:	GeneID (NCBI): 1435	g factor 1	, integen anning par	
		(macrophage) Calculated MW: 60 kDa			
	IgG Immunogen Catalog Number: AG6294	Observed MW: 70 kDa			
Applications	Tested Applications: ELISA				
	Cited Applications: Cell treatment, IF, WB				
	Species Specificity: human				
	Cited Species: human, mouse				
	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 recognieze 60 kDa, 48 kDa, 29 kDa isoforms.				
Background Information	Alternative splicing of the human CS a secreted glycoprotein or as a memb predominantly secreted as highly sul The three predominant CSF-1 species	F-1 mRNA leads to prane-spanning mol fated species of 37 s were shown to be	alternative expres ecule with cell sur 5- and 250-kDa wit an 80-kDa homodi	sion of the CSF-1 hom face biological activit ch a smaller amount o mer, an 80-kDa/50-kD	odimer as ty. CSF-1 is f a 100-kDa species Da heterodimer, and
	Alternative splicing of the human CS a secreted glycoprotein or as a memb predominantly secreted as highly sul The three predominant CSF-1 species a 50-kDa homodimer. (PMID: 1733920	F-1 mRNA leads to orane-spanning mol fated species of 37 were shown to be 6) This antibody cou	alternative expres ecule with cell sur 5- and 250-kDa wit an 80-kDa homodi	sion of the CSF-1 hom face biological activit ch a smaller amount o mer, an 80-kDa/50-kD	odimer as ty. CSF-1 is f a 100-kDa species Da heterodimer, and
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