MCSF Conjugated Antibody

Catalog No: #C48850

Package Size: #C48850-AF350 100ul #C48850-AF405 100ul #C48850-AF488 100ul #C48850-AF555 100ul #C48850-AF594 100ul #C48850-AF647 100ul #C48850-AF680 100ul #C48850-AF750 100ul #C48850-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	MCSF Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Colony stimulating factor 1 (macrophage) antibody Colony stimulating factor 1 antibody Colony stimulating factor macrophage specific antibody CSF 1 antibody CSF-1 antibody CSF1 antibody CSF1_HUMAN antibody Csfm antibody Lanimostim antibody M CSF antibody M-CSF antibody Macrophage Colony Stimulating Factor 1 antibody Macrophage colony stimulating factor antibody MCSF antibody MGC31930 antibody Processed macrophage colony-stimulating factor 1 antibody
Accession No.	Swiss-Prot#:P09603
Uniprot	P09603
GeneID	1435;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	60 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

The macrophage colony-stimulating factor (M-CSF), also designated CSF-1, was originally discovered in serum, urine and other biological fluids as a factor that can stimulate the formation of macrophage colonies from bone marrow hematopoietic progenitor cells. M-CSF is a homodimeric cytokine that is produced by fibroblasts, epithelial cells, bone marrow stromal cells, osteoblasts, keratinocytes, macrophages, T cells and B cells. M-CSF is a glycoprotein required for the proliferation and differentiation of mononuclear phagocytes, including osteoclasts. M-CSF has also been identified as an important mediator of the inflammatory response and can regulate the release of proinflammatory cytokines from macrophages. M-CSF exerts its pleiotropic effects by binding to a single type of high affinity cell surface receptor that is encoded by the c-Fms proto-oncogene.

Note: This product is for in vitro research use only