CSF2 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CSF2, Monoclonal Antibody
Full Product Name	CSF2 (Colony Stimulating Factor 2 (Granulocyte-Macrophage), GMCSF, MGC131935, MGC138897) (MaxLight 650)
Product Gene Name	anti-CSF2 antibody
Product Synonym Names	Colony Stimulating Factor 2 (Granulocyte-Macrophage); GMCSF; MGC131935; MGC138897
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1.0e+12
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified
Specificity	Recognizes CSF2.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo dilutions can be made in assay buffer. Caution: MaxLight650 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original
Molecular Weight	14.6 kDa (128 aa), confirmed by MALDI-TOF.
OMIM	138960
3D Structure	ModBase 3D Structure for P04141
Immunogen	CSF2 (NP_000749, 17aa-144aa) partial recombinant protein.
Immunogen Sequence	MAPARSPSPSTQPWEHVNAIQEARRLLNLSRDTAAEMNETVEVISEMFDLQEPTCLQTRLELYKQGLRGSLTKLKGPLTMMASHYKQHCPPTPETSCAT
Conjugate	MaxLight650
Product Categories/Family for anti-CSF2 antibody	Antibodies; Growth Factors; Cytokines
Applications Tested/Suitable for anti-CSF2 antibody	FLISA
Application Notes for anti-CSF2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-CSF2 antibody	The protein encoded by this gene is a cytokine that controls the production, differentiation, and function of granulocytes and macrophages. The active f as a homodimer. This gene has been localized to a cluster of related genes at chromosome region 5q31, which is known to be associated with interstiti acute myelogenous leukemia. Other genes in the cluster include those encoding interleukins 4, 5, and 13. [provided by RefSeq]

Other Notes	Small volumes of anti-CSF2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessa tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CSF2 purchase	MBS6227102 is an antibody targeting CSF2. Also known as CSF2 (Colony Stimulating Factor 2 (Granulocyte-Macrophage), GMCSF, MGC131935, MC Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CSF2. It may not necessarily be applicable to this product.

NCBI GI #	27437030
NCBI GeneID	1437
NCBI Accession #	NP_000749
UniProt Primary Accession #	P04141
UniProt Secondary Accession #	Q14CE8; Q2VPI8; Q8NFI6
UniProt Related Accession #	P04141
GenBank Nucleotide #	NM_000758.3
NCBI Official Full Name	granulocyte-macrophage colony-stimulating factor
NCBI Official Synonym Full Names	colony stimulating factor 2
NCBI Official Symbol	CSF2
NCBI Official Synonym Symbols	CSF; GMCSF
UniProt Protein Name	Granulocyte-macrophage colony-stimulating factor
UniProt Synonym Protein Names	Colony-stimulating factor; CSF; Molgramostin; Sargramostim
Protein Family	Granulocyte-macrophage colony-stimulating factor
UniProt Gene Name	CSF2
UniProt Synonym Gene Names	GMCSF; GM-CSF; CSF
UniProt Entry Name	CSF2_HUMAN
NCBI Protein Information	granulocyte-macrophage colony-stimulating factor
Research Articles on CSF2	**1.** Upregulation of GM-CSF and M-CSF production by endothelial cells, an effect that appears to be mediated by NF-kappaB and to be independent of IL-1, may be an additional mechanism through which IL-33 contributes to inflammatory activation of the vessel wall.
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