

Mouse MCSF Antibody Pair Set

Catalog No. E-KAB-0591

Applications

ELISA

Synonyms M-CSF;CSF1;CSF-1

Kit components & Storage

Title	Specifications	Storage
Mouse MCSF Capture Antibody	1 vial, 100 µg	Store at -20°C for one year. Avoid freeze/thaw cycles.
Mouse MCSF Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20°C for one year. Avoid freeze/thaw cycles.

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0591)	
		Mouse MCSF Capture Antibody	Mouse MCSF Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse MCSF protien	Recombinant Mouse MCSF protien
	Swissprot	P07141	
Product details	Reactivity	Mouse	Mouse
	Host	Goat	Goat
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5
	Purify	Antigen Affinity	Antigen Affinity
	Specificity	Detects Mouse MCSF in ELISAs.	

Applications

Mouse MCSF Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images																
ELISA Capture	0.5-4 µg/mL	Mouse MCSF Capture Antibody	<table border="1"> <caption>Standard Curve Data (Approximate)</caption> <thead> <tr> <th>Mouse MCSF Concentration (pg/mL)</th> <th>Optical Density</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>0.05</td> </tr> <tr> <td>20</td> <td>0.1</td> </tr> <tr> <td>50</td> <td>0.2</td> </tr> <tr> <td>100</td> <td>0.4</td> </tr> <tr> <td>200</td> <td>0.8</td> </tr> <tr> <td>500</td> <td>1.5</td> </tr> <tr> <td>1000</td> <td>3.0</td> </tr> </tbody> </table>	Mouse MCSF Concentration (pg/mL)	Optical Density	10	0.05	20	0.1	50	0.2	100	0.4	200	0.8	500	1.5	1000	3.0
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ELISA Detection	1:1000-1:10000	Mouse MCSF Detection Antibody (Biotin)																	

Note: This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

Background

Cytokine that plays an essential role in the regulation of survival , proliferation and differentiation of hematopoietic precursor cells , especially mononuclear phagocytes , such as macrophages and monocytes. Promotes the release of pro-inflammatory chemokines , and thereby plays an important role in innate immunity and in inflammatory processes. Plays an important role in the regulation of osteoclast proliferation and differentiation , the regulation of bone resorption , and is required for normal bone development. Required for normal male and female fertility. Promotes reorganization of the actin cytoskeleton , regulates formation of membrane ruffles , cell adhesion and cell migration. Plays a role in lipoprotein clearance.

Caution.