



Anti-Mouse GM-CSF Polyclonal Antibody

Catalog: PAR-200-GMCSF

Specifications and Use

Target: Mouse Granulocyte Macrophage Colony Stim. Factor
Host and Purification: Ig Fraction of Rabbit Serum
Immunogen: Full length recombinant Mouse GM-CSF
Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with no stabilizers or preservatives
Storage: Store at 2-8°C after restoration with 0.1mL deionized water or -20°C for long term storage, avoid repeat freeze thaws.

Size and Label: 100 µg, Unlabeled

Physical State: Lyophilized

Endotoxin Level: <0.1EUs per ug

Alternate Target Names: CSF-2, Pluripoietin- α , MGI1GM

Description:

Granulocyte Macrophage Colony Stimulating Factor, GM-CSF, is hematopoietic factor produced by endothelial cells, monocytes, fibroblasts and T cells in response to a number of inflammatory mediators. GM-CSF is able to stimulate the production of neutrophilic granulocytes, macrophages, and mixed granulocyte-macrophage colonies from bone marrow cells. GM-CSF can also stimulate some functional activities in mature granulocytes and macrophages. Human and mouse GM-CSF show no cross-reactivity. Mouse GM-CSF, as a non-glycosylated protein, contains 125 amino acids and has a molecular mass of 14.3 kDa.

Polyclonal anti-mouse GM-SCF shows slight cross-reactivity with recombinant human GM-CSF (shown in figure below).

Reported Applications:

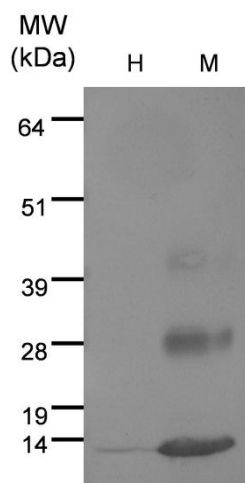
Western Blot
ELISA

Recommended Dilution*:

1:1000 starting
No Data

***INVESTIGATORS ARE ADVISED TO TITRATE ANTIBODIES TO REACH OPTIMAL ASSAY CONDITIONS FOR THEIR SPECIFIC NEEDS.**

THIS PRODUCT IS FOR RESEARCH USES ONLY! THIS PRODUCT IS NOT FOR USE IN HUMANS!!!



Western blot analysis using 1ug of recombinant human GM-SCF (100-08) and recombinant mouse GM-CSF (200-15) were run under non-reducing conditions, transferred to nitrocellulose and blotted with polyclonal anti-mouse GM-CSF (PAR-200-GMCSF) at 1:1,000. The expected band of recombinant human GM-CSF is 14.3 kDa while mouse GM-CSF is 14.2 kDa.

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