

Anti-GM-CSF Picoband Antibody

Catalog # ABO11728

Product Information

Application	WB, IHC-P
Primary Accession	P01587
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Granulocyte-macrophage colony-stimulating factor(CSF2) detection. Tested with WB, IHC-P in Mouse.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	12981
Other Names	Granulocyte-macrophage colony-stimulating factor, GM-CSF, Colony-stimulating factor, CSF, Csf2, Csfgm
Calculated MW	16091
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 μ g/ml, Mouse, By Heat Western blot, 0.1-0.5 μ g/ml, Mouse
Subcellular Localization	Secreted.
Source	Eukaryota
Protein Name	Granulocyte-macrophage colony-stimulating factor
Contents	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Immunogen	E.coli-derived mouse GM-CSF recombinant protein (Position: A18-K141). Mouse GM-CSF shares 54% and 70% amino acid (aa) sequences identity with human and rat GM-CSF, respectively.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After r ° Constitution, at 4 °C for one month. It ° Can also be aliquotted and stored frozen at -20 °C for a longer time.Avoid repeated

Sequence Similarities

freezing and thawing.
Belongs to the GM-CSF family.

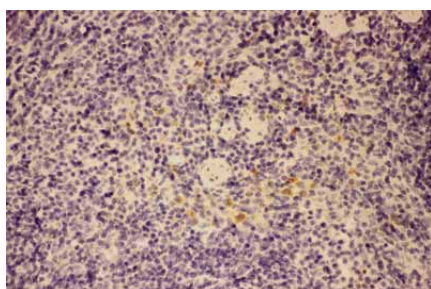
Protein Information

Name	Csf2
Synonyms	Csfgm
Function	Cytokine that stimulates the growth and differentiation of hematopoietic precursor cells from various lineages, including granulocytes, macrophages, eosinophils and erythrocytes.
Cellular Location	Secreted.

Background

GM-CSF, Granulocyte-macrophage colony-stimulating factor, is a protein secreted by macrophages, T cells, mast cells, endothelial cells, and fibroblasts. By fluorescence in situ hybridization, the GM-CSF gene is mapped to 5q31.1. GM-CSF is a cytokine that functions as a white blood cell growth factor. GM-CSF stimulates stem cells to produce granulocytes (neutrophils, eosinophils, and basophils) and monocytes. GM-CSF is an essential regulator of neutrophil function.

Images



Anti-GM-CSF Picoband antibody, ABO11728-1.JPGIHC(P):
Mouse Spleen Tissue



Anti-GM-CSF Picoband antibody, ABO11728-2.jpgAll lanes:
Anti-GM-CSF(ABO11728) at 0.5ug/mlWB: Recombinant
Mouse GM-CSF Protein 0.5ngPredicted bind size:
17KDObserved bind size: 17KD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.