

**Anti-GM-CSF Picoband Antibody**  
**Catalog # ABO11728****Specification****Anti-GM-CSF Picoband Antibody - Product Information**

Application	WB, IHC-P
Primary Accession	<a href="#">P01587</a>
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.

**Anti-GM-CSF Picoband Antibody - Additional Information****Gene ID 12981****Other Names**

Granulocyte-macrophage colony-stimulating factor, GM-CSF, Colony-stimulating factor, CSF, Csf2, Csfgm

**Calculated MW**

16091 MW KDa

**Application Details**

Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Mouse, By Heat<br>Western blot, 0.1-0.5 µg/ml, Mouse<br>

**Subcellular Localization**

Secreted.

**Protein Name**

Granulocyte-macrophage colony-stimulating factor

**Contents**

Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.

**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 freezing and thawing.**

**Sequence Similarities**

Belongs to the GM-CSF family.

**Anti-GM-CSF Picoband Antibody - 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.

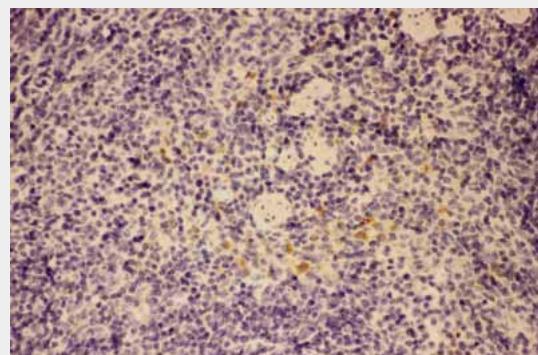
**Cellular Location**

Secreted.

**Anti-GM-CSF Picoband Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-GM-CSF Picoband Antibody - Images**

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



Anti-GM-CSF Picoband antibody, ABO11728-2.jpg  
All lanes: Anti-GM-CSF(ABO11728) at 0.5ug/mlWB: Recombinant Mouse GM-CSF Protein 0.5ng  
Predicted bind size: 17KD  
Observed bind size: 17KD

#### Anti-GM-CSF Picoband Antibody - 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.