

MIP-1-alpha Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10879**Specification**

MIP-1-alpha Antibody - Product Information

Application	WB, IP
Primary Accession	P50229
Reactivity	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	10335

MIP-1-alpha Antibody - Additional Information**Gene ID** 25542

Application & Usage **Western blot analysis (0.5-4 µg/ml) and immunoprecipitation (4-8 µg/ml). However, the optimal conditions should be determined individually.**

Other Names

MIP-1, MIP1, MIP 1, MIP-1a, MIP 1a, MIP 1 alpha, macrophge inhibitory protein-1 alpha, macrophge inhibitory protein 1 alpha, macrophge inhibitory protein

Target/Specificity

MIP-1a

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) immunoaffinity purified rabbit anti-rat MIP-1α polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA, 0.02% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

MIP-1-alpha Antibody is for research use only and not for use in diagnostic or therapeutic

procedures.

MIP-1-alpha Antibody - Protein Information

Name Ccl3

Synonyms Mip1a, Scya3

Function

Monokine with inflammatory and chemokinetic properties. Has chemotactic activity for monocytes, neutrophils, eosinophils, basophils, and lymphocytes. Required for lung TNF-alpha production, neutrophil recruitment and subsequent lung injury and may function as an autocrine mediator for the macrophage production of TNF-alpha which in turn up-regulates vascular adhesion molecules required for neutrophil influx. This protein binds heparin.

Cellular Location

Secreted.

MIP-1-alpha 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](#)

MIP-1-alpha Antibody - Images

MIP-1-alpha Antibody - Background

MIP-1 α (macrophage inflammatory protein-1 α) is a 60-amino acid CC chemokine with a molecular weight of 7.9 kDa. MIP-1 α induces migration of monocytes/macrophages, B-lymphocytes, activated CD8+ T cells, natural killer (NK) cells, eosinophils. MIP-1 α also stimulates basophils to release histamine, induces ICAM-1 expression, mast cell degranulation, and production of TNF- α , IL-1 and IL-6. In addition to its proinflammatory activities, MIP-1 α inhibits the proliferation of hematopoietic stem cells in vitro and in vivo.