

Anti-Mouse MIP-1 α (RABBIT) Antibody
MIP-1 alpha Antibody
Catalog # ASR5003**Specification**

Anti-Mouse MIP-1 α (RABBIT) Antibody - Product Information

Host	Rabbit
Conjugate	Unconjugated
Target Species	Mouse
Reactivity	Mouse
Clonality	Polyclonal
Application	WB, E, I, LCI
Application Note	This purified antibody has been tested in western blotting and is suitable in ELISA. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 7-8 kDa in size corresponding to the mature 92 amino acid mouse MIP-1 α /Ccl3 protein by western blotting in appropriate cell lysate or extract.
Physical State	Lyophilized
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	This IgG fraction antibody was prepared from rabbit antiserum after repeated immunizations with recombinant truncated mouse MIP-1 α protein produced in E.coli.
Reconstitution Volume	100 μ L
Reconstitution Buffer	Restore with deionized water (or equivalent)

Anti-Mouse MIP-1 α (RABBIT) Antibody - Additional Information**Gene ID** 20302**Other Names**
20302**Purity**

This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. This antibody is specific for mouse MIP-1 α protein. Cross-reactivity with MIP-1 α from other sources has not been determined.

Storage Condition

Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Precautions Note

This product is for research use only and is not intended for therapeutic or diagnostic applications.

Anti-Mouse MIP-1 α (RABBIT) Antibody - Protein Information

Name Ccl3

Synonyms Mip1a, Scya3

Function

Monokine with inflammatory and chemokinetic properties. Binds to CCR1, CCR4 and CCR5. One of the major HIV-suppressive factors produced by CD8+ T-cells. Recombinant MIP-1-alpha induces a dose- dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV).

Cellular Location

Secreted.

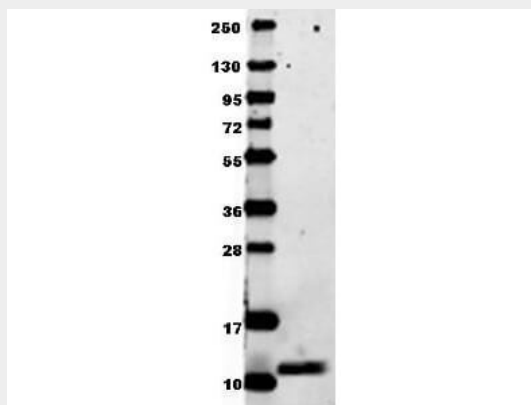
Tissue Location

Expressed in lung, spleen, and pancreas.

Anti-Mouse MIP-1 α (RABBIT) 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-Mouse MIP-1 α (RABBIT) Antibody - Images

Anti-mouse MIP-1a in western blot shows detection of recombinant mouse MIP-1a/Ccl3 raised in E.coli. Recombinant truncated (0.1 μ g, expect ~8kDa) protein was loaded onto and resolved by SDS-PAGE, then transferred to nitrocellulose. The membrane was blocked with 1% BSA in TBST for

30 min at RT, followed by incubation with Rockland's, Inc. Anti-Mouse MIP-1 α /Ccl3. After washing, membrane was probed with secondary antibody Dylight™ 649 Conjugated Anti-Rabbit IgG (H&L) (Goat) Antibody (611-143-122) diluted 1:20,000 in blocking buffer (p/n MB-070) for 30 min. at RT. Data was collected using Bio-Rad VersaDoc® 4000 MP imaging system.

Anti-Mouse MIP-1 α (RABBIT) Antibody - Background

Mouse MIP-1 α , or Ccl3, of the intercrine beta (chemokine CC family) is a secreted cytokine with inflammatory, pyrogenic and chemokinetic properties. It is expressed in lung, spleen, and pancreas, and has a potent chemotactic activity for eosinophils. Ccl3 binding to a high-affinity receptor activates calcium release in neutrophils.