

Datasheet for 210-401-315**MIP-1 alpha Antibody****Overview**

Description:	Anti-Mouse MIP-1 α (RABBIT) Antibody - 210-401-315
Item No.:	210-401-315
Size:	100 μ g
Applications:	WB
Reactivity:	Mouse
Host Species:	Rabbit

Product Details

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.
Synonyms:	rabbit anti-MIP-1 α antibody, rabbit anti-MIP-1 alpha antibody, Mouse Macrophage Inflammatory Protein-1-alpha, Ccl3 cytokine, C-C motif chemokine 3, Small-inducible cytokine A3, Macrophage inflammatory protein 1- α , MIP-1-alpha, TY-5, SIS-alpha, Heparin-binding chemotaxis protein, L2G25B, Scya3 protein
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	Ccl3
Reactivity:	Mouse
Immunogen Type:	Recombinant Protein
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.

Purity/Specificity: 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.

Relevant Links:

- [UniProtKB - P10855](#)
- [NCBI - NP_035467.1](#)
- [GeneID - 20302](#)

Application Details

Tested Applications: WB

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.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

ELISA: 1:10,000

WB: 1:1000

Formulation

Physical State: Lyophilized

Concentration: 1.0 mg/mL by UV absorbance at 280 nm

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Preservative: None

Stabilizer: None

Reconstitution Volume: 100 μ L

Reconstitution Buffer: Restore with deionized water (or equivalent)

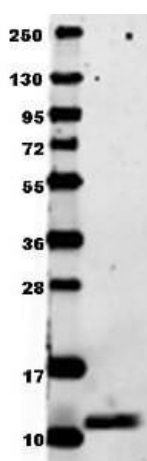
Shipping & Handling

Shipping Condition: Ambient

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.

Expiration: Expiration date is six (6) months from date of receipt.

Images



Western Blot

Anti-mouse MIP-1a in western blot shows detection of recombinant mouse MIP-1a/Ccl3 raised in E.coli. Recombinant truncated (0.1 µg, 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-1a/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.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.