

Datasheet for 109-401-315S**MIP-1 alpha Antibody****Overview**

Description:	Anti-MIP-1 α (RABBIT) Antibody - 109-401-315S
Item No.:	109-401-315S
Size:	25 μ L
Applications:	ELISA
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	C-C motif chemokine 3, CCL3 or (MIP-1 α) is a monokine with inflammatory and chemokinetic properties. CCL3 binds to CCR1, CCR4 and CCR5. It is 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).
Synonyms:	Tonsillar lymphocyte LD78 alpha protein antibody, CCL 3 antibody, Chemokine CC Motif Ligand 3 antibody, G0/G1 switch regulatory protein 19 1 antibody, SIS beta antibody, Small inducible cytokine A3 antibody, rabbit anti-MIP-1 alpha Antibody
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	Antiserum

Target Details

Gene Name:	CCL3
Reactivity:	Human
Immunogen Type:	Recombinant Protein
Immunogen:	The whole rabbit serum was prepared by repeated immunizations with recombinant human MIP-1 α produced in E.coli.
Purity/Specificity:	This antiserum has been heated to 56° C for 30 minutes.
Relevant Links:	

- [NCBI - P10147.1](#)
- [UniProtKB - P10147](#)
- [GeneID - 6348](#)

Application Details

Tested Applications:	ELISA
Application Note:	This antiserum against Human MIP-1a has been tested for use in ELISA of human MIP-1a found in cell supernatants or in plasma or serum. In ELISA formats and other immunoreactive assays, this antibody will recognize recombinant and native human MIP-1a present in body fluids and cell supernatants. This antiserum has not been evaluated for its ability to stain human MIP-1a in tissue sections, nor for its ability to neutralize human MIP-1a in bioassays, nor for its performance in immunoblot analysis. Reactivity in other immunoassays is unknown.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:1,000 - 1:5,000
WB:	1:500 - 1:2,000

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	85 mg/mL by Refractometry
Buffer:	None
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.

Expiration: Expiration date is one (1) year from date of receipt.

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.