

Datasheet for 109-401-315-0100**MIP-1 alpha Antibody****Overview**

Description:	Anti-MIP-1 α (RABBIT) Antibody - 109-401-315-0100
Item No.:	109-401-315-0100
Size:	100 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 prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. 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 one (1) year from date of receipt.

Disclaimer

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