



# MIP-1 $\alpha$ Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-15950
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	IHC;IF;ELISA
<b>Gene Name</b>	CCL3
<b>Protein Name</b>	C-C motif chemokine 3
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human MIP-1 $\alpha$ . AA range:26-75
<b>Specificity</b>	MIP-1 $\alpha$ Polyclonal Antibody detects endogenous levels of MIP-1 $\alpha$ protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	$\geq 90\%$
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	CCL3; G0S19-1; MIP1A; SCYA3; C-C motif chemokine 3; G0/G1 switch regulatory protein 19-1; Macrophage inflammatory protein 1-alpha; MIP-1-alpha; PAT 464.1; SIS-beta; Small-inducible cytokine A3; Tonsillar lymphocyte LD78 alpha protein
<b>Observed Band</b>	
<b>Cell Pathway</b>	Secreted.
<b>Tissue Specificity</b>	Brain,Leukocyte,Lymphocyte,Natural killer cell,T-cell,
<b>Function</b>	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).,induction:By TPA or PHA (TPA = 12-O-tetradecanoyl phorbol-13 acetate (tumor promoter); PHA = phytohemagglutinin (T-cell mitogen)).,online information:Macrophage inflammatory protein entry,PTM:N-terminal processed form LD78-alpha(4-69) is produced by proteolytic cleavage after secretion from HTLV1-transformed T-cells.,similarity:Belongs to the intercrine beta (chemokine CC) family.,subunit:Self-associates. Also heterodimer of MIP-1-alpha(4-69) and MIP-1-beta(3-69),.

**Background**

This locus represents a small inducible cytokine. The encoded protein, also known as macrophage inflammatory protein 1 alpha, plays a role in inflammatory responses through binding to the receptors CCR1, CCR4 and CCR5. Polymorphisms at this locus may be associated with both resistance and susceptibility to infection by human immunodeficiency virus type 1.[provided by RefSeq, Sep 2010],

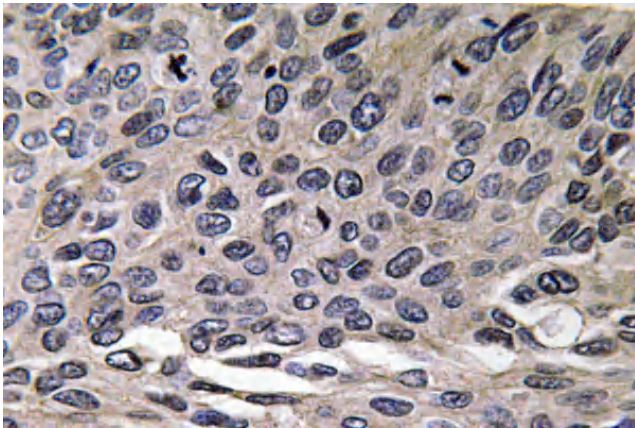
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Immunohistochemistry analysis of MIP-1 $\alpha$  antibody in paraffin-embedded human lung carcinoma tissue.