



MIP-1 α Polyclonal Antibody

Catalog No	YP-Ab-15950
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	IHC;IF;ELISA
Gene Name	CCL3
Protein Name	C-C motif chemokine 3
Immunogen	The antiserum was produced against synthesized peptide derived from human MIP-1 α . AA range:26-75
Specificity	MIP-1 α Polyclonal Antibody detects endogenous levels of MIP-1 α protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	$\geq 90\%$
Storage Stability	-20°C/1 year
Synonyms	CCL3; G0S19-1; MIP1A; SCYA3; C-C motif chemokine 3; G0/G1 switch regulatory protein 19-1; Macrophage inflammatory protein 1- α ; MIP-1- α ; PAT 464.1; SIS- β ; Small-inducible cytokine A3; Tonsillar lymphocyte LD78 α protein
Observed Band	
Cell Pathway	Secreted.
Tissue Specificity	Brain,Leukocyte,Lymphocyte,Natural killer cell,T-cell,
Function	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- α 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- α (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- α (4-69) and MIP-1- β (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],

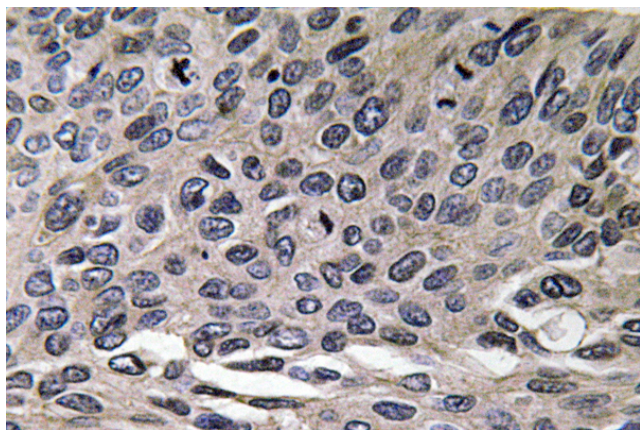
matters needing attention

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 α antibody in paraffin-embedded human lung carcinoma tissue.