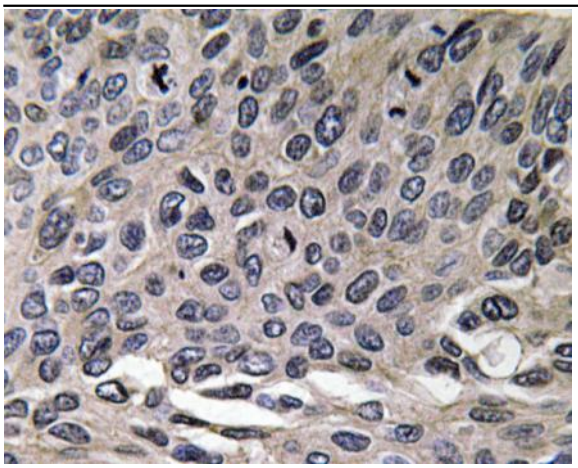
Best Tools for immunology Research

MIP-1α Polyclonal Antibody

Catalog No :	YT2765
Reactivity :	Human;Rat;Mouse;
Applications :	IHC;IF;ELISA
Target :	MIP-1α
Fields :	>>Cytokine-cytokine receptor interaction;>>Viral protein interaction with cytokine and cytokine receptor;>>Chemokine signaling pathway;>>Toll-like receptor signaling pathway;>>Chagas disease;>>Human cytomegalovirus infection;>>Rheumatoid arthritis;>>Lipid and atherosclerosis
Gene Name :	CCL3
Protein Name :	C-C motif chemokine 3
Human Gene Id :	6348
Human Swiss Prot No :	P10147
Mouse Swiss Prot No :	P10855
Immunogen :	The antiserum was produced against synthesized peptide derived from human MIP-1alpha. AA range:26-75
Specificity :	MIP-1α Polyclonal Antibody detects endogenous levels of MIP-1α protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	10kD
Cell Pathway :	Cytokine-cytokine receptor interaction;Chemokine;Toll_Like;
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],
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-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).,
Subcellular Location :	Secreted.
Expression :	Brain,Leukocyte,Lymphocyte,Natural killer cell,T-cell,
Tag :	hot
Sort :	9648
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

Products Images



Immunohistochemistry analysis of MIP-1α antibody in paraffin-embedded human lung carcinoma tissue.