



MIP-1 β Monoclonal Antibody

Catalog No	YP-mAb-16006
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CCL4
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human CCL4. AA range:41-90
Specificity	MIP-1 β Monoclonal Antibody detects endogenous levels of MIP-1 β protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	$\geq 90\%$
Storage Stability	-20°C/1 year
Synonyms	CCL4;MIP-1 beta;MIP-1 β ;ACT-2;C C motif chemokine 4;C-C motif chemokine 4; LAG1;MIP1B;SCYA4;G-26 T-lymphocyte-secreted protein;HC21;Lymphocyte activation gene 1 protein;LAG-1;MIP-1-beta(1-69);Macrophage inflammatory protein 1-beta;MIP-1-beta;PAT 744;Protein H400;SIS-gamma;Small-inducible cytokine A4;T-cell activation protein 2
Observed Band	16kD
Calculated Molecular Weight	16kD
Cell Pathway	Secreted.
Tissue Specificity	Blood,Brain,Lung,Natural killer cell,T-cell,
Function	alternative products:CCL4L1 and CCL4L2 genes differ in their non-coding regions. Thus, alternative splicing events differ between the two genes, caution:Was originally (PubMed:9521068) thought to be a ligand for CCR8., function:Chemokine that induces chemotaxis of cells expressing CCR5 or CCR1. Inhibits HIV replication in peripheral blood monocytes that express CCR5.,function:Monokine with inflammatory and chemokinetic properties. Binds to CCR5. One of the major HIV-suppressive factors produced by CD8+ T-cells. Recombinant MIP-1-beta induces a dose-dependent inhibition of different strains



of HIV-1, HIV-2, and simian immunodeficiency virus (SIV). The processed form MIP-1-beta(3-69) retains the abilities to induce down-modulation of surface expression of the chemokine receptor CCR5 and to inhibit the CCR5-mediated entry of HIV-1 in T-cells. MIP-1-beta(3-69) is also a ligand for CCR1 and CCR

Background

The protein encoded by this gene is a mitogen-inducible monokine and is one of the major HIV-suppressive factors produced by CD8+ T-cells. The encoded protein is secreted and has chemokinetic and inflammatory functions. [provided by RefSeq, Dec 2012],

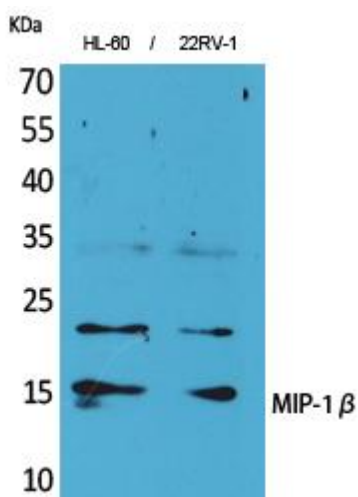
matters needing attention

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



Western Blot analysis of various cells using MIP-1 β Monoclonal Antibody