

Anti-CCL3 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Rat (predicted:Human,Mouse)
Molecular Weight:	Theoretical: 8 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Tissue/cell: rat exfoliated cells; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-MIP-1 Alpha/CCL3 Polyclonal Antibody, Unconjugated (TMAB-00310) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAb staining.
Application:	IF,IHC-Fr,IHC-P
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human MIP-1 alpha
Antigen Species:	Human
Gene ID:	6348
Uniprot ID:	P10147
Synonyms:	CCL3;G0S19-1;SCYA3;G0/G1 switch regulatory protein 19-1;C-C motif chemokine 3;SIS-beta; Tonsillar lymphocyte LD78 alpha protein;Small-inducible cytokine A3;MIP1A;Macrophage inflammatory protein 1-alpha (MIP-1-alpha);PAT 464.1
Biology Area:	HIV-related,Beta Chemokines (CC),Macrophage / Inflamm.,Blood cell antigens ELISA kits

Research Background

Macrophage Inflammatory Protein 1 alpha (MIP1 alpha) and MIP1 beta, two closely related but distinct proteins, were originally co-purified from medium conditioned by a LPS-stimulated murine macrophage cell line. Mature mouse MIP1 alpha shares approximately 77% and 70% amino acid identity with human MIP1 alpha and mouse MIP1 beta, respectively. MIP1 proteins are expressed primarily in T cells, B cells, and monocytes after antigen or mitogen stimulation. Has adhesive effects on lymphocytes. MIP1 alpha can inhibit the proliferation of hematopoietic stem cells in vitro as well as in vivo. A signal transducing receptor, designated the C-C chemokine receptor-1 (C-C CKR-1) with seven transmembrane domains that bind MIP1 alpha, MIP1 beta, MCP1 and RANTES with varying affinities, has been isolated.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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