

CCL3

Mouse anti-Human MIP-1 α (Clone 1.2_3E8-2H6-2B6) mAb

Catalog No.	MX740	Quantity:	500 μ g
Alternate Names:	C-C motif chemokine 3, G0/G1 switch regulatory protein 19-1, Macrophage inflammatory protein 1-alpha, MIP-1-alpha, SCYA3, SIS-beta, Tonsillar lymphocyte LD78 alpha protein		
Description:	Macrophage Inflammatory Protein 1 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.		
UniProt ID:	P10147		
Specificity:	Recognizes human MIP1 α		
Immunogen:	Recombinant human MIP1 α		
Isotype:	Mouse IgG1		
Clone:	Clone 1.2_3E8-2H6-2B6		
Formulation:	Lyophilized from PBS		
Purification:	Ammonium sulfate precipitation followed by ion exchange chromatography		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to the vial to fully solubilize the antibody to a concentration of 0.1 - 1.0 mg/mL		
Applications:	ELISA: In a sandwich ELISA (assuming 100 μ L/well), a concentration of 2.0-4.0 μ g/mL of this antibody will detect at least 2000 pg/mL of recombinant human MIP-1 α when used with our biotinylated antigen affinity purified anti-human MIP-1 α as the detection antibody at a concentration of approximately 1.0-2.0 μ g/mL. Western Blot: To detect hMIP-1 α by Western Blot analysis this antibody can be used at a concentration of 2.0-4.0 μ g/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hMIP-1 α is 1.0-2.0 ng/lane, under non-reducing conditions. Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of hMIP-1 α (100 ng/mL), a concentration of 5.0-10.0 μ g/mL of this antibody is required		
Storage & Stability:	Store at -20°C for at least 1 year. After reconstitution, store at 2-8°C for 2 weeks or in aliquots at -20°C for at least six months. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

