

Product datasheet for **AM01366PU-N**

Macrophage Inflammatory Protein 3 alpha (CCL20) Mouse Monoclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	ELISA: In a Sandwich ELISA (assuming 100 µl/well), a concentration of 2.0-4.0 µg/ml of this antibody will detect at least 1000 pg/ml of recombinant Human MIP3-alpha when used with Biotin anti-Human MIP3 alpha antibody (cat. PP1052B) as the detection antibody at a concentration of approximately 1.0-2.0 µg/ml. Western Blot. To detect Human MIP3-alpha by Western Blot analysis this antibody can be used at a concentration of 0.20-0.40 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant Human MIP3-alpha is 0.25-0.50 ng/lane, under non-reducing conditions.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Highly pure (>98%) recombinant Human MIP-3 alpha
Specificity:	This antibody detects MIP-3 alpha.
Formulation:	PBS without preservatives State: Azide Free State: Lyophilized (sterile filtered) purified IgG fraction
Reconstitution Method:	Restore in sterile water to a concentration of 1 mg/ml.
Purification:	Affinity Chromatography on Protein
Conjugation:	Unconjugated
Storage:	The lyophilized antibody is stable at room temperature for one month or at -20°C for longer. Following reconstitution it is stable at 2-8°C for six weeks. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	C-C motif chemokine ligand 20



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Database Link: [Entrez Gene 6364 Human P78556](#)

Background: Macrophage Inflammatory Protein 3 alpha is a chemotactic factor that attracts lymphocytes and, slightly, neutrophils, but not monocytes. It inhibits proliferation of myeloid progenitors in colony formation assays. It may be involved in formation and function of the mucosal lymphoid tissues by attracting lymphocytes and dendritic cells towards epithelial cells. It binds to CCR6.

Synonyms: CCL20, LARC, MIP3A, MIP-3 alpha, C-C motif chemokine 20, Small-inducible cytokine A20, SCYA20, Exodus-1, Dendritic Cell Marker, DC marker