

Product datasheet for **PP1052P2**

Macrophage Inflammatory Protein 3 alpha (CCL20) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FN, WB
Recommended Dilution:	Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of human MIP-3 alpha (100 ng/ml), a concentration of 15.0 - 18.0 µg/ml of this antibody is required. ELISA: To detect MIP-3 alpha by direct ELISA (using 100µl/well antibody solution) a concentration of at least 0.5 µg/ml of this antibody is required. This antibody allows the detection of 0.2 - 0.4 ng/well of recombinant MIP-3 alpha. Western Blot: This antibody can be used at a concentration of 0.1 - 0.2 µg/ml The detection limit for recombinant MIP-3 alpha is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions. Immunohistochemistry on frozen (use 1 µg/ml) and paraffin embedded tissues.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (>98%) recombinant human Macrophage Inflammatory Protein 3 alpha (hMIP-3 alpha).
Specificity:	Human MIP-3 alpha (EXODUS-1, LARC).
Formulation:	PBS, pH 7.2 without preservatives. State: Aff - Purified State: Lyophilized purified Ig fraction.
Reconstitution Method:	Restore in sterile water to a concentration of 0.1-1.0 mg/ml.
Purification:	Affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store the antibody prior to reconstitution at -20°C. Following reconstitution the antibody can be stored at 2-8°C for one month or at -20°C for longer. 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

Note: Centrifuge vial prior to opening!