

Product datasheet for **PP1054P2**

Macrophage Inflammatory Protein 4 (CCL18) 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 hMIP-4 (100.0 ng/ml), a concentration of 8.0-10.0 µg/ml of this antibody is required. ELISA: (Indirect): To detect hMIP-4 by indirect ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hMIP-4. (Sandwich): To detect hMIP-4 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Human MIP-4 (PP1054B) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hMIP-4. Western Blot: To detect hMIP-4 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hMIP-4 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (>98%) recombinant hMIP-4 (human Macrophage Inflammatory Protein-4).
Specificity:	Specific for human Macrophage Inflammatory Protein-4 (MIP-4)
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



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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 18
Database Link:	Entrez Gene 6362 Human P55774
Synonyms:	C-C motif chemokine 18, AMAC1, DCCK1, MIP-4, PARC, Small-inducible cytokine A18, SCYA18
Note:	Centrifuge vial prior to opening!