

Product datasheet for PP016P2

LOC105242482 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FN, WB
Recommended Dilution:	<u>Neutralization:</u> To yield one-half maximal inhibition [ND50] of the biological activity of mMCP-5 (100.00 ng/ml), a concentration of 2.0-3.0 µg/ml of this antibody is required. <u>ELISA:</u> To detect mMCP-5 by direct ELISA (using 100 µl/well antibody solution) a concentration of at least 0.5 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of 0.2-0.4 ng/well of recombinant mMCP-5. <u>Western Blot:</u> To detect mMCP-5 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 mMCP-5 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (>98%) recombinant mMCP-5.
Specificity:	This antibody reacts with Macrophage Chemotactic Protein-5 (MCP-5)
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.



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Database Link: [Entrez Gene 105242482 Mouse Q62401](#)

Background: MCP-5 is a member of the b-chemokine family (C-C) of cytokines. This chemokine is strongly chemotactic for human monocytes and murine peritoneal macrophages, but is not active on mouse neutrophils and shows only a weak response on mouse eosinophils at high concentrations.

Synonyms: MCP5, CCL-12, C-C motif chemokine 12. Macrophage Chemotactic Protein-5

Note: Centrifuge vial prior to opening!