

## Product datasheet for **AP01119PU-N**

### LOC105242483 Rabbit Polyclonal Antibody

#### Product data:

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	ELISA, WB
<b>Recommended Dilution:</b>	ELISA: Indirect: To detect mMCP-2 by indirect ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml is required. This In conjunction with compatible secondary reagents, it allows the detection of at least 0.2 - 0.4 ng/well of recombinant mMCP-2. Sandwich: To detect mMCP-2 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml is required. In conjunction with Biotinylated Anti-Murine MCP-2 as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant mMCP-2. Western Blot: To detect mMCP-2 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-2 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.
<b>Reactivity:</b>	Mouse
<b>Host:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Highly pure (> 98 %) recombinant murine MCP-2
<b>Specificity:</b>	This antibody detects Macrophage Chemotactic Protein-2.
<b>Formulation:</b>	PBS, pH 7.2 State: Aff - Purified State: Sterile filtered lyophilized Ig fraction
<b>Reconstitution Method:</b>	Centrifuge vial prior to opening. Restore in sterile water to a concentration of 0.1 - 1.0 mg/ml.
<b>Purification:</b>	Immunoaffinity chromatography
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store the lyophilized antibody at -20 °C. Following reconstitution it is stable for two weeks at 2 - 8 °C. Frozen aliquots are stable for 6 months when stored at -20 °C. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: One year from despatch.



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**Database Link:** [Entrez Gene 105242483 Mouse Q9Z121](#)

**Background:** MCP 2 (Monocyte Chemoattractant Protein 2) is a chemotactic factor that attracts monocytes, lymphocytes, basophils and eosinophils. MCP 2 is important to inflammatory host responses, and is found in the highest concentration in the small intestine and peripheral blood cells. This protein is structurally related to the CXC subfamily of cytokines. Members of this subfamily are characterized by two cysteines separated by a single amino acid. By recruiting leukocytes to sites of inflammation this cytokine may contribute to tumor-associated leukocyte infiltration and to the antiviral state against HIV infection.

**Synonyms:** MCP-2, CCL-8, C-C motif chemokine 8, Small-inducible cytokine A8, SCYA10, SCYA8, HC14, MCP-2