



# Anti-Mouse MCP-2

20150223ML



**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

<b>Cat.-no.:</b>	<b>103-P56</b>
Size:	100 µg
Lot. No.:	According to product label

**Preparation:** Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant mMCP-2 (murine MCP-2). Anti-Murine MCP-2 specific antibody was purified by affinity chromatography employing immobilized mMCP-2 matrix.

## Target Background

<b>Synonyms (Target):</b>	Ccl8; HC14; Mcp2; MCP-2; Scya8; AB023418; 1810063B20Rik
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CCL8, also known as Monocyte Chemoattractant Protein 2 (MCP2), is an inflammatory CC chemokine that attracts monocytes, eosinophils and basophils. It is produced by many cell types and signals through interactions with CCR1, CCR2, CCR3 and CCR5.

### Database References Target

<b>Protein RefSeq:</b>	NP_067418.1
<b>Uniprot ID:</b>	Q9Z121
<b>mRNA RefSeq:</b>	NM_021443

## Product Specifications

<b>Species reactivity</b>	Mouse
<b>Clone/Ab feature</b>	Rabbit IgG
<b>Cross reactivity</b>	Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal Antibody
<b>Purification</b>	Antigen-affinity purified
<b>Immunogen</b>	Recombinant Mouse MCP-2
<b>Formulation</b>	lyophilized from PBS
<b>Reconstitution buffer</b>	water

**Reconstitution:** Reconstitute the antibody in sterile water to a concentration of 0.1 - 1.0 mg/ml.

**Stability:** The lyophilized antibody is stable for at least 2 years from date of receipt at -20°C. The reconstituted antibody is stable for at least two weeks at 2-8°C. Frozen aliquots are stable for at least 6 months when stored at -20°C.



**AVOID REPEATED FREEZE AND THAW CYCLES!**

## Applications

**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.

### ELISA:

**Indirect:** To detect mMCP-2 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 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 of this antibody is required. This antigen affinity purified antibody, in conjunction with an appropriate secondary conjugated antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant mMCP-2.

**NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!**