

## Product datasheet

# Anti-MCP2 antibody ab39625

### Overview

<b>Product name</b>	Anti-MCP2 antibody
<b>Description</b>	Rabbit polyclonal to MCP2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> ELISA, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>Immunogen</b>	Recombinant full length protein (Mouse)

### Properties

<b>Form</b>	Lyophilised: Reconstitute in sterile water to give a concentration of >0.2 mg/ml. [500ul]
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
<b>Storage buffer</b>	Preservative: None Constituents: PBS, pH 7.4
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab39625** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		
WB		

<b>Application notes</b>	ELISA (direct): Use at a concentration of at least 0.5 µg/ml to detect murine MCP2. WB: Use at a concentration of 0.1 - 0.2 µg/ml. Predicted molecular weight: 11 kDa.
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Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## Target

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<b>Function</b>	Chemotactic factor that attracts monocytes, lymphocytes, basophils and eosinophils. May play a role in neoplasia and inflammatory host responses. This protein can bind heparin. The processed form MCP-2(6-76) does not show monocyte chemotactic activity, but inhibits the chemotactic effect most predominantly of CCL7, and also of CCL2 and CCL5 and CCL8.
<b>Tissue specificity</b>	Highest expression found in the small intestine and peripheral blood cells. Intermediate levels seen in the heart, placenta, lung, skeletal muscle, thymus, colon, ovary, spinal cord and pancreas. Low levels seen in the brain, liver, spleen and prostate.
<b>Sequence similarities</b>	Belongs to the intercrine beta (chemokine CC) family.
<b>Post-translational modifications</b>	N-terminal processed form MCP-2(6-76) is produced by proteolytic cleavage after secretion from peripheral blood monocytes.
<b>Cellular localization</b>	Secreted.

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**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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