

## Product datasheet

# Anti-MCP2 antibody [17A2] ab194596

### Overview

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<b>Product name</b>	Anti-MCP2 antibody [17A2]
<b>Description</b>	Rat monoclonal [17A2] to MCP2
<b>Host species</b>	Rat
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>Immunogen</b>	Recombinant full length protein corresponding to Mouse MCP2 aa 20-96. Sequence:  MKIYAVLLCLLLIAPVVSPEKLTGPDKAPVTCCFHVLKL KIPLRVLKSYE RINNIQCPMEAVVFQTKQGMSLCVDPTQKWWSEYMEI LDQKSILQP  Database link: <a href="#">Q9Z121</a>

 [Run BLAST with](#)

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### Properties

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<b>Form</b>	Liquid
<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. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Constituent: 100% PBS
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	17A2
<b>Isotype</b>	IgG2

### Applications

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Our [Abpromise guarantee](#) covers the use of **ab194596** 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
WB		Use at an assay dependent concentration. Predicted molecular weight: 11 kDa.

## Target

<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.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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