



# Magic™ Mouse Anti-Human MCP-1 monoclonal antibody, clone 31155D (DMABB-JX1115)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Target</b>	CCL2
<b>Immunogen</b>	A synthesized peptide derived from CCL2
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	31155D
<b>Purification</b>	Affinity Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	<p>ELISA (Det)</p> <p>We recommend the following as antibody pair (Capture - Detection): DMABB-JX1114 - DMABB-JX1115</p> <p>Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.</p>
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100µg
<b>Buffer</b>	Liquid in PBS containing 0.09% sodium azide as a preservative.

<b>Preservative</b>	0.09% sodium azide
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## BACKGROUND

<b>Introduction</b>	<p>This gene is one of several cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The protein encoded by this gene is structurally related to the CXC subfamily of cytokines. Members of this subfamily are characterized by two cysteines separated by a single amino acid. This cytokine displays chemotactic activity for monocytes and basophils but not for neutrophils or eosinophils. It has been implicated in the pathogenesis of diseases characterized by monocytic infiltrates, like psoriasis, rheumatoid arthritis and atherosclerosis. It binds to chemokine receptors CCR2 and CCR4.</p>
<b>Keywords</b>	HC11; MCAF; MCP1; MCP-1; SCYA2; GDCF-2; SMC-CF; HSMCR30

## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">6347</a>
<b>UniProt ID</b>	<a href="#">P13500</a>