



Magic™ Mouse Anti-Human MCP-1 monoclonal antibody, clone 31155C (DMABB-JX1114)

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

PRODUCT INFORMATION

Target	CCL2
Immunogen	A synthesized peptide derived from CCL2
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	31155C
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	ELISA (Cap) We recommend the following as antibody pair (Capture - Detection): DMABB-JX1114 - DMABB-JX1115 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.
Format	Liquid
Concentration	Lot specific
Size	100µg
Buffer	Liquid in PBS containing 0.09% sodium azide as a preservative.

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

BACKGROUND

Introduction	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.
Keywords	HC11; MCAF; MCP1; MCP-1; SCYA2; GDCF-2; SMC-CF; HSMCR30

GENE INFORMATION

Entrez Gene ID	6347
UniProt ID	P13500