



# Magic™ Mouse Anti-Human IL-8 monoclonal antibody, clone 31140D (DMABB-JX1107)

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

## PRODUCT INFORMATION

<b>Target</b>	CXCL8
<b>Immunogen</b>	A synthesized peptide derived from CXCL8
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	31140D
<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-JX1106 - DMABB-JX1107</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>	IL-8 is a chemotactic factor that attracts neutrophils, basophils, and T-cells, but not monocytes. It is also involved in neutrophil activation. It is released from several cell types in response to an inflammatory stimulus. IL-8(6-77) has a 5-10-fold higher activity on neutrophil activation, IL-8(5-77) has increased activity on neutrophil activation and IL-8(7-77) has a higher affinity to receptors CXCR1 and CXCR2 as compared to IL-8(1-77), respectively.
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<b>Keywords</b>	IL-8 (3A4); 9E3; CXCL8; CEF-4; GCP-1; Granulocyte chemotactic protein 1
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## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">3576</a>
<b>UniProt ID</b>	<a href="#">P10145</a>