



Magic™ Mouse Anti-Human IL-8 monoclonal antibody, clone 31140C (DMABB-JX1106)

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

PRODUCT INFORMATION

Target	CXCL8
Immunogen	A synthesized peptide derived from CXCL8
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	31140C
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	ELISA (Cap) We recommend the following as antibody pair (Capture - Detection): DMABB-JX1106 - DMABB-JX1107 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	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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Keywords	IL-8 (3A4); 9E3; CXCL8; CEF-4; GCP-1; Granulocyte chemotactic protein 1
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GENE INFORMATION

Entrez Gene ID	3576
UniProt ID	P10145