



ANOGEN - A Division of YES Biotech Laboratories Ltd.

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Mouse anti-Human IL-8 Monoclonal Antibody [I8-S2] Datasheet

Catalogue No	MO-C40017A
Product name	Mouse anti-human IL-8 monoclonal antibody [I8-S2]
Clone No	I8-S2
Product type	Primary antibodies, Matched antibody Pair Capture antibody
Description	Mouse monoclonal antibody to human Interleukin-8 (IL-8), Protein G affinity purified
Target protein	Human IL-8
Immunogen	Purified recombinant human IL-8
Specificity	This antibody recognizes both, recombinant and native human IL-8
Reactivity	Human, others not tested.
Cross-reactivity	This antibody does not cross react with human Monocyte Chemotactic Activating Factor (MCAF) or RANTES (Regulated on Activation, Normal T-cell Expressed, and Secreted).
Clonality	Monoclonal
Source	Mouse
Myeloma	Sp2/0-Ag14
Subclass	IgG2b
Light Chain	Kappa
Formulation	Lyophilized from a solution in 0.01M PBS, pH 7.0
Reconstitution	Double distilled water is recommended to adjust the final concentration to 1.00 mg/ml
Applications	<p>ELISA: React with human IL-8. Matched pair antibodies are available</p> <p>Neutralizing: In chemotaxis assay, the antibody inhibited 97.8% % of the chemotactic activity of IL-8 on RB/293 cell using 5 Ug/ml of MAb and 10 ng/ml of human IL-8 in assay. This MAb inhibited the chemotactic effect of human IL-8, had no inhibitory effect to MIP 1-beta and RANTES in neutrophil chemotaxis assay. It indicates the MAb is special neutralizing the IL-8 activity. The MAb has been shown the neutralizing activity on calcium ion changes in human granulocytes using FACS.</p> <p>Western Blot: Concentration of 0.02-0.1 Ug/ml MAb will allow visualization of 100 ng/lane of human IL-8</p>
Matched Pairs	18-S2 and 18-60 (Catalog No: MO-C40017D) are matched pairs.
Research	Cytokine, interleukin, and chemotaxis
Storage	Store at -20° C
References	If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide any product of choice as gratitude.

This product is for LABORATORY RESEARCH USE and further manufacture only, and can not be administrated to human and animals for use in diagnostic and therapeutic procedures.

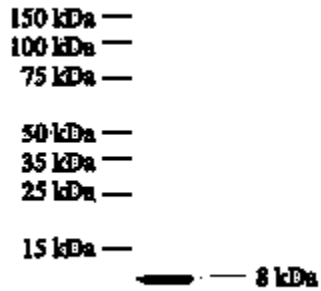
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Figure: Western blot analysis of Human IL-8 using anti-human IL-8 monoclonal antibody



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