



## ANOGEN - A Division of YES Biotech Laboratories Ltd.

2355 Derry Road East, Unit 23, Mississauga, ON L5S 1V6 • Tel: (905) 677-9221 • Fax: (905) 677-0023

### Mouse anti-Human IL-8 Monoclonal Antibody [257] Datasheet

<b>Catalogue No</b>	MO-C40017F
<b>Product name</b>	Mouse anti-human IL-8 monoclonal antibody [257]
<b>Clone No</b>	257
<b>Product type</b>	Primary antibodies
<b>Description</b>	Mouse monoclonal antibody to human Interleukin-8 (IL-8), Protein G affinity purified
<b>Target protein</b>	Human IL-8
<b>Immunogen</b>	Purified recombinant human IL-8
<b>Specificity</b>	This antibody recognizes both, recombinant and native human IL-8
<b>Reactivity</b>	Human, others not tested.
<b>Cross-reactivity</b>	This antibody does not cross react with human Monocyte Chemotactic Activating Factor (MCAF) or RANTES (Regulated on Activation, Normal T-cell Expressed, and Secreted).
<b>Clonality</b>	Monoclonal
<b>Source</b>	Mouse
<b>Myeloma</b>	Sp2/0-Ag14
<b>Subclass</b>	IgG1
<b>Light Chain</b>	Kappa
<b>Formulation</b>	Lyophilized from a solution in 0.01M PBS, pH 7.0
<b>Reconstitution</b>	Double distilled water is recommended to adjust the final concentration to 1.00 mg/ml
<b>Applications</b>	<p><b>ELISA:</b> React with human IL-8. Matched pair antibodies are available</p> <p><b>Neutralizing:</b> In chemotaxis assay, the antibody inhibited 95.1% of the chemotactic activity of IL-8 on RB/293 cell using 50 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><b>Western Blot:</b> Concentration of 0.02-0.1 Ug/ml MAb will allow visualization of 100 ng/lane of human IL-8</p>
<b>Research</b>	Cytokine, interleukin, and chemotaxis
<b>Storage</b>	Store at -20° C
<b>References</b>	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.**

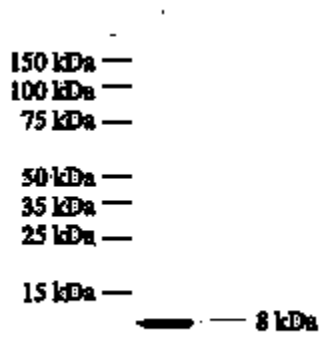
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S7.5(01)



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



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