



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 [I8-60] Datasheet

Catalogue No	MO-C40017D
Product name	Mouse anti-Human IL-8 Monoclonal Antibody [I8-60]
Clone No	I8-60
Product type	Primary antibodies, Matched Antibody Pair Tracer 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 monoclonal 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	P3X63Ag8.653
Subclass	IgG1
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: This antibody can be used as a tracer antibody in sandwich ELISA applications for human IL-8 detection in combination with a monoclonal capture antibody (Cat No: MO-C40017A). Suggested Capture Coating Dose: 0.3µg/well; Substrate: TMB.</p> <p>Neutralizing: In chemotaxis assay, the antibody inhibited 98.4 % of the chemotactic activity of IL-8 on RB/293 cell using 5 µg/ml of monoclonal antibody and 10 ng/ml of human IL-8 in assay. This antibody inhibited the chemotactic effect of human IL-8, had no inhibitory effect to MIP 1-beta and RANTES in neutrophil chemotaxis assay, indicating the antibody's ability to neutralize IL-8 activity. The antibody has been shown to have neutralizing activity on calcium ion changes in human granulocytes using FACS.</p> <p>Western Blot: Concentration of 0.02-0.1 µg/ml monoclonal antibody will allow visualization of 100 ng/lane of human IL-8.</p>
Matched Pairs	18-S2 (Catalog No: MO-C40017A) and 18-60 are matched pairs.
Research Storage	Cytokine, interleukin, and chemotaxis 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.

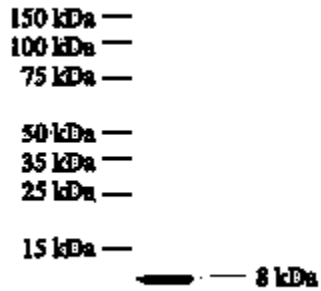
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Figure: Western blot analysis of Human IL-8 using anti-human IL-8 monoclonal antibody



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