



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

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### HRP Conjugated Mouse Anti-Human IL-8 Monoclonal Antibody Datasheet

**Product Name:** HRP conjugated mAb anti-Human IL-8

**Clone No.:** I8-60

**Catalogue No.:** MO-C40017T

**Quantity:** 0.2 mL/vial

<b>Description:</b>	Horseradish peroxidase (HRP) conjugated mouse monoclonal antibody to human interleukin 8 (IL-8)	<b>Storage:</b>	Store at -20°C
<b>Purification:</b>	Protein G affinity purified	<b>Research Area:</b>	Cytokine, interleukin and chemotaxis
<b>Product Type:</b>	<b>Tracer</b> antibody in matched antibody pair, HRP conjugated.	<b>Background:</b>	Interleukin 8 (IL-8), like IL-6, is secreted by macrophages and a variety of cells that express Toll-like receptors in response to the stimulation of pathogens. IL-8's primary function is to recruit neutrophils and other target cells through chemotaxis to the infected site to eliminate pathogens. IL-8 causes increased intracellular Ca <sup>2+</sup> , release of reactive oxygen species, and other physiological changes required for migration and phagocytosis. IL-8 is also known to promote angiogenesis.
<b>Target Protein:</b>	Human IL-8	<b>Applications</b>	<b>ELISA:</b> This HRP conjugated 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).
<b>Immunogen:</b>	Purified recombinant human IL-8	<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 one unit of product in the same category as gratitude.
<b>Fusion Myeloma:</b>	P3X63Ag8.653		
<b>Specificity:</b>	This antibody recognizes both recombinant and native human IL-8		
<b>Species 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>Host / Isotype:</b>	Mouse, IgG1 Kappa		
<b>Storage Buffer Formulation:</b>	Mixture of 50% glycerol and 50% PH7.2 0.01M PBS. Final PH = 7.0 ± 0.1.		

This product is for **LABORATORY RESEARCH USE** and further manufacture **ONLY**, and cannot be administrated to human and animals for use in diagnostic and therapeutic procedures.

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