



# Abazyme, LLC

## Mouse anti-Human IL-8 Capture Monoclonal Antibody Datasheet

<b>Catalogue No</b>	MO-C40017C: C-IL8-1 (Capture Antibody)
<b>Product name</b>	Mouse anti-human IL-8 monoclonal capture antibody
<b>Clone No</b>	C-IL8-1
<b>Product type</b>	Matched antibody pair
<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>Subclass</b>	IgG2b
<b>Light Chain</b>	Kappa
<b>Formulation</b>	Lyophilized
<b>Reconstitution</b>	Double distilled water is recommended and to adjust the final concentration to 1.00 mg/mL
<b>Applications</b>	<p>ELISA: Matched Antibody pairs for dual immunoassays offer time saving and added confidence. This pair has been selected for its ability to "sandwich" successfully</p> <ol style="list-style-type: none"><li>1. Coating Dose: 0.3 ug/well</li><li>2. Tracer Label: HRP or Biotin</li><li>3. Substrate: TMB</li></ol> <p>If the above suggested conditions are followed, approximately 4 pg/mL of IL-8 in serum/plasma or 10 pg/mL of IL-8 in medium can be detected with an assay range of 0-1600 pg/mL</p>
<b>Research</b>	Cytokine
<b>Storage</b>	Store at -20° C

**This product is for LABORATORY RESEARCH USE and further manufacture only, and can not be administered to humans or animals. This is not for use in diagnostic and therapeutic procedures.**