

Mouse IL-8 Monoclonal Antibody | anti-IL-8 antibody

Biotin conjugated mAb anti-Human IL-8

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA77909	Mouse	Human. Other species not tested This antibody does not cross react with human Monocyte Chemotactic Activating Factor (MCAF) or RANTES (Regulated on Activation, Normal T-cell Expressed, and Secreted).	ELISA

PRODUCT SYNONYMS

IL-8; Monoclonal Antibody; Biotin conjugated mAb anti-Human IL-8; Interleukin-8 (IL-8) (**Biotin Labeled); Biotin conjugated mouse monoclonal antibody to human interleukin 8 (IL-8); anti-IL-8 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human. Other species not tested 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
Isotype	IgG1,k
Clone Number	I8-60
Specificity	This antibody recognizes both recombinant and native human IL-8.
Purity/Purification	Protein G affinity purified
Form/Format	0.01M PBS, pH 7.2 in 1% gelatin and 0.1% proclin-300
Sequence Length	101
Applicable Applications for anti-IL-8 antibody	ELISA
Target Protein	Human IL-8
Immunogen	Purified recombinant human IL-8
Myeloma	P3X63Ag8.653
Light Chain	Kappa
Product type	Tracer Antibody in matched antibody pair, biotin conjugated.
Research Area	Cytokine, interleukin and chemotaxis
Intended Uses	Tracer**
Preparation and Storage	Store at -20 degree C

ADDITIONAL INFORMATION

Related Product Information for anti-IL-8 antibody	Biotin conjugated mouse monoclonal antibody to human interleukin 8 (IL-8) Background: Interleukin 8 (IL-8), like IL-6, is secreted by macrophages and a variety of cell sthat 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 Ca2+, release of reactive oxygen species, and other physiological changes required for migration and phagocytosis. IL-8 is also known to promote angiogenesis.
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Product Categories/Family for anti-IL-8 antibody	Tracer antibody in matched antibody pair; biotin conjugated.; Matched Antibody Pairs to Human Cytokines and Growth Factors
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74136483
NCBI GeneID	613028
NCBI Accession #	NP_001028137.1
NCBI GenBank Nucleotide #	NM_001032965.1
NCBI Official Full Name	interleukin-8
NCBI Official Symbol	CXCL8
NCBI Official Synonym Symbols	IL8
NCBI Protein Information	interleukin-8; C-X-C motif chemokine 8; IL-8; chemokine (C-X-C motif) ligand 8
UniProt Protein Name	Interleukin-8
UniProt Gene Name	CXCL8
UniProt Entry Name	IL8_MACMU

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/monoclonal/il-8-antibody-clone-i8-60-elisa/77909>