

## Monoclonal Antibody to Interleukin-8 / IL8 - FITC

<b>Alternate names:</b>	CXCL8, Emotakin, GCP1, Granulocyte chemotactic protein 1, MDNCF, MONAP, Monocyte-derived neutrophil chemotactic factor, Monocyte-derived neutrophil-activating peptide, NAP1, Neutrophil-activating protein 1, Protein 3-10C, T-cell chemotactic factor
<b>Catalog No.:</b>	AM05672FC-N
<b>Quantity:</b>	100 Tests
<b>Background:</b>	<p>IL-8 is a pro-inflammatory CXC chemokine designated CXCL8, secreted by endothelial cells and monocytes, which acts as a major chemoattractant for neutrophils, T cells and basophils.</p> <p>IL-8, first isolated from osteosarcoma cells, contains the ELR-motif (N-terminal Glu-Leu-Arg amino acid sequence) and signals through the CXCR1 and CXCR2 receptors. Cancer studies have demonstrated a role for IL-8 in the angiogenesis and growth of tumours. Previous nomenclature for IL-8 includes neutrophil activating protein 1 (NAP-1), granulocyte chemotactic protein 1 (GCP-1), monocyte-derived neutrophil-activating peptide (MONAP) and protein 3-10C.</p>
<b>Uniprot ID:</b>	<a href="#">P10145</a>
<b>NCBI:</b>	<a href="#">9606</a>
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	NAPII
<b>Immunogen:</b>	Recombinant IL-8
<b>Format:</b>	<b>State:</b> Liquid purified IgG <b>Purification:</b> Affinity chromatography on Protein G <b>Buffer System:</b> Tris - NaCl pH7.4 containing 0.02% Sodium Azide (NaN <sub>3</sub> ) and 1% Bovine Serum Albumin <b>Label:</b> FITC
<b>Applications:</b>	Flow Cytometry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody is specific for IL-8 (interleukin-8). <b>Species:</b> Human. Other species not tested.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
<b>Caution:</b>	(A full Health and Safety assessment is available upon request) This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by

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