

Product datasheet for **AM05672FC-N**

IL8 (CXCL8) Mouse Monoclonal Antibody [Clone ID: NAP11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	NAP11
Recommended Dilution:	Flow Cytometry.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant IL-8
Specificity:	This antibody is specific for IL-8 (interleukin-8).
Formulation:	Tris - NaCl pH7.4 containing 0.02% Sodium Azide (NaN ₃) and 1% Bovine Serum Albumin Label: FITC State: Liquid purified IgG
Purification:	Affinity chromatography on Protein G
Conjugation:	FITC
Storage:	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.
Stability:	Shelf life: one year from despatch.
Gene Name:	C-X-C motif chemokine ligand 8
Database Link:	Entrez Gene 3576 Human P10145



[View online »](#)

Background:

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. 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.

Synonyms:

CXCL8, Protein 3-10C, Emoctakin, GCP1, MDNCF, MONAP, NAP1