

Product datasheet for **TA320374**

IL8 (CXCL8) Mouse Monoclonal Antibody [Clone ID: N11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	N11
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	C-X-C motif chemokine ligand 8
Database Link:	NP_000575 Entrez Gene 3576 Human P10145

Background: The monoclonal antibody N11 reacts specifically with the 77 amino acid form of IL-8 (IL-877, IL-8(1-77), CXCL877) and does not react with the more common 72 amino acid form. Frequently referred to as endothelial IL-8, the 77 amino acid form is secreted in cultured leukocytes. The 72 amino acid form is the result of efficient cleavage of an N-terminal pentamer from IL-877 after secretion. IL-8 is a C-X-C chemokine with potency in neutrophil chemotaxis and activation. IL-877 has decreased chemotactic activity when compared to IL-872, but has other specific pro-apoptotic and tumor cell chemotactic activities. IL-877 has recently been shown to be the major isoform present in premature neonates due to deficiency in serum protease activity that is not seen in term neonates.

Synonyms: GCP-1; GCP1; IL8; LECT; LUCT; LYNAP; MDNCF; MONAP; NAF; NAP-1; NAP1

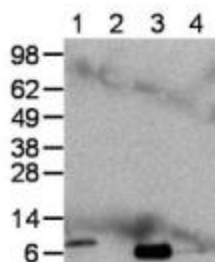
Protein Families: Druggable Genome, Secreted Protein, Transmembrane



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Protein Pathways:

Bladder cancer, Chemokine signaling pathway, Cytokine-cytokine receptor interaction, Epithelial cell signaling in Helicobacter pylori infection, NOD-like receptor signaling pathway, Pathways in cancer, RIG-I-like receptor signaling pathway, Toll-like receptor signaling pathway

Product images:

Immunoblot of human peripheral blood mononuclear cells either left untreated or treated with LPS and Brefeldin A for 4 hours. Lane 1, non-reduced lysate prepared from stimulated cells; lane 2, non-reduced lysate of unstimulated cells; lane 3, reduced lysate of stimulated cells; lane 4, reduced lysate prepared from unstimulated cells. Bands were visualized using Anti-Mouse IgG HRP.