

45-1001: Mouse Monoclonal Antibody to IL-8 (Clone : 3B1C10)(Discontinued)

Clonality :	Monoclonal
Clone Name :	3B1C10
Application :	ELISA
Reactivity :	Human
Gene :	CXCL8
Gene ID :	3576
Uniprot ID :	P10145
Format :	Purified
Alternative Name :	IL-8, Interleukin-8, Interleukin-8, Neutrophil activating protein-1, C-X-C motif chemokine 8, Chemokine (C-X-C motif) ligand 8, Emotakin, Granulocyte chemotactic protein 1, Monocyte-derived neutrophil chemotactic factor, Protein 3-10C, T-cell chemotactic factor
Isotype :	Mouse IgG1
Immunogen Information :	Purified recombinant human IL-8

Description

IL-8, also known as neutrophil chemotactic factor, neutrophil activating protein, and monocyte-derived neutrophil chemotactic factor, is a member of the alpha (C-X-C) subfamily of chemokines called CXCL8. In response to proinflammatory stimuli, IL-8 is produced by monocytes, macrophages, T cells, neutrophils, and fibroblasts. IL-8 promotes neutrophil chemotaxis and degranulation. The 72-amino acid IL-8 is the predominant form secreted by monocytes and lymphocytes. Recombinant human IL-8 is an 8,400 Da protein containing 72 amino acids. This antibody reacts with human Interleukin-8 (IL-8) protein. The immunogen used to produce the antibody is recombinant human IL-8 produced in E. coli containing 72 amino acids and having a molecular mass of 8,452 Da.

Product Info

Amount :	100 µg / 500 µg
Purification :	Protein G chromatography
Content :	100 µg, 1 mg/ml in PBS, pH 7.4 with 0.02% sodium azide and 500 µg, 0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide. Reconstitute the lyophilized powder with deionized water to an antibody concentration of 0.5 mg/ml.
Storage condition :	The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Application Note

ELISA: 0.1-1 µg/ml

Western blot: 1-2 µg/ml

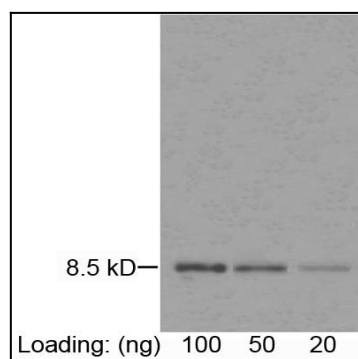


Figure-1 : Western blot analysis of IL-8 Antibody (Clone: 3B1C10) at 1 μ g/ml on purified recombinant IL-8 (100ng, 50ng & 20 ng).