

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

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

<b>Amount :</b>	100 µg / 500 µg
<b>Purification :</b>	Protein G chromatography
<b>Content :</b>	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.
<b>Storage condition :</b>	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

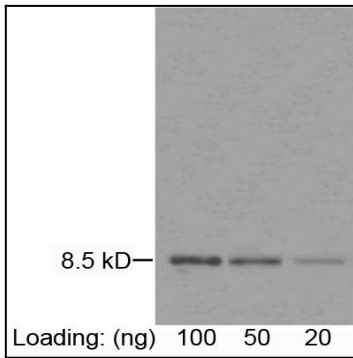


Figure-1 : Western blot analysis of IL-8 Antibody (Clone: 3B1C10) at 1 µg/ml on purified recombinant IL-8 (100ng, 50ng & 20 ng ).