

CXCL8

Mouse Anti-Human IL-8 / CXCL8 (Clone B-B49) mAb, Azide Free

Catalog No.	CDM535A CDM535B	Quantity:	200 µg 500 µg
Alternate Names:	Interleukin-8; C-X-C motif chemokine 8, Granulocyte chemotactic protein 1, GCP-1, Monocyte-derived neutrophil chemotactic factor, MDNCF, MONAP, NAP-1, T-cell chemotactic factor		
Description:	<p>Interleukin-8 is a chemokine secreted by monocytes, macrophages and endothelial cells. IL-8 chemoattracts and activates neutrophils.</p> <p>The predominant form of IL-8 is a 8.4kDa protein containing 72 amino acid residues, which includes five additional N-Terminal amino-acids. IL-8 contains the four conserved cysteine residues present in CXC chemokines and also contains the "ELR" motif common to CXC chemokines that binds to CXCR1 and CXCR2.</p> <p>Data indicate that IL-8 may participate in the pathogenesis of rheumatoid arthritis via the induction of neutrophil-mediated cartilage damage, and psoriasis. A causative involvement of IL-8 is found within a broad range of clinico-pathological conditions : adult respiratory distress syndrome, asthma, bacterial infections, bladder cancer, graft rejection and influenza infection, due to the now known biological properties of IL-8. This cytokine especially in combinations with other neutrophil activating agents, may prove helpful in the treatment of patients suffering from granulocytopenia, severe infections against which antibiotics are not effective, and immunodeficiency caused by HIV.</p>		
UniProt ID:	P10145		
Gene ID:	3576		
Concentration:	1.0 mg/ml		
Specificity:	Recognizes both native and recombinant human IL-8		
Source:	Recombinant antibody from a phage display library		
Isotype:	Mouse IgG1κ		
Immunogen:	Recombinant human IL-8		
Clone:	B-B49		
Formulation:	Sterile-filtered PBS, carrier and preservative free.		
Applications:	ELISA		
Storage & Stability:	Store at 2-8°C for up to 1 year or in working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

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