



IL-8 mouse Monoclonal Antibody(13F8)

Catalog No	YP-Ab-15860
Isotype	IgG
Reactivity	Human
Applications	IHC;IF
Gene Name	IL8
Immunogen	Synthetic C-TERM Peptide of IL-8
Specificity	IL-8 protein detects endogenous levels of IL8
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IHC 1:100-200. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CXCL8;IL8;IL-8;C X C motif chemokine 8;Chemokine
Observed Band	11kD
Calculated Molecular Weight	11kD
Cell Pathway	Secreted.
Tissue Specificity	Chronic myeloid leukemia cell,Kidney,Lung,Lung carcinoma,Neutrophil,Periphe
Function	function:IL-8 is a chemotactic factor that attracts neutrophils, basophils, and T-cells, but not monocytes. It is also involved in neutrophil activation. It is released from several cell types in response to an inflammatory stimulus. IL-8(6-77) has a 5-10-fold higher activity on neutrophil activation, IL-8(5-77) has increased activity on neutrophil activation and IL-8(7-77) has a higher affinity to receptors CXCR1 and CXCR2 as compared to IL-8(1-77), respectively.,online information:Interleukin-8 entry,PTM:Several N-terminal processed forms are produced by proteolytic cleavage after secretion from at least peripheral blood monocytes, leukocytes and endothelial cells. In general, IL-8(1-77) is referred to as interleukin-8. IL-8(6-77) is the most prominent form.,similarity:Belongs to the intercrine alpha (chemokine Cx) family.,subunit:Homodimer.,



Background

The protein encoded by this gene is a member of the CXC chemokine family. This chemokine is one of the major mediators of the inflammatory response. This chemokine is secreted by several cell types. It functions as a chemoattractant, and is also a potent angiogenic factor. This gene is believed to play a role in the pathogenesis of bronchiolitis, a common respiratory tract disease caused by viral infection. This gene and other ten members of the CXC chemokine gene family form a chemokine gene cluster in a region mapped to chromosome 4q. [provided by RefSeq, Jul 2008],

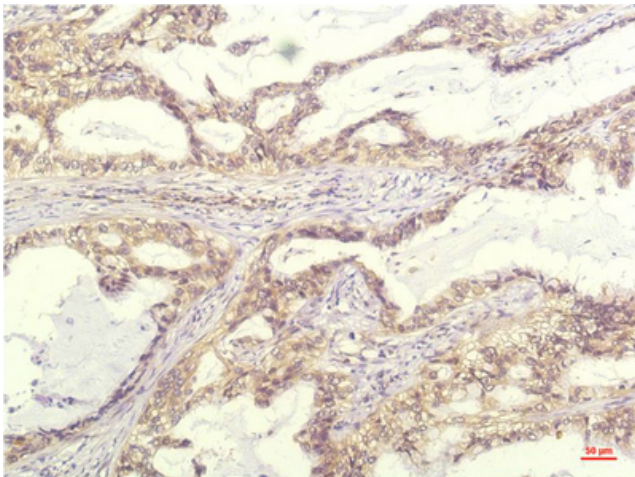
matters needing attention

Avoid repeated freezing and thawing!

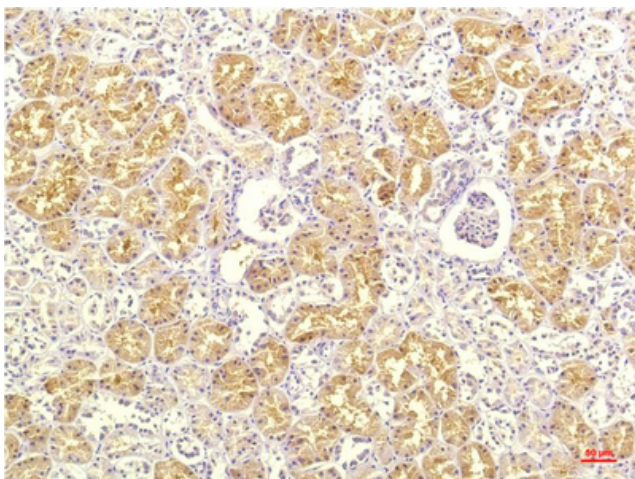
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemical analysis of paraffin-embedded Human Lung Carcinoma Tissue using IL-8 Mouse mAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Kidney Tissue using IL-8 Mouse mAb diluted at 1:200.