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## Summary

<b>Production Name</b>	IL-8(13F8)Mouse Monoclonal Antibody
<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	IHC
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	IL8 CXCL8
<b>Alternative Names</b>	IL8
<b>Gene ID</b>	3576.0
<b>SwissProt ID</b>	P10145.Synthetic C-TERM Peptide of IL-8

## Application

<b>Dilution Ratio</b>	IHC 1:100-200
<b>Molecular Weight</b>	11kD

## Background

The protein encoded by this gene is a member of the CXC chemokine family. This chemokine is one of the major mediators

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**Catalog #: AMM12571**

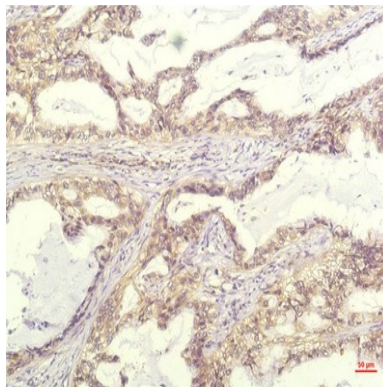


of the inflammatory response. This chemokine is secreted by several cell types. It functions as a chemoattractant, and is also a potent angiogenic factor. This gene is believed to play a role in the pathogenesis of bronchiolitis, a common respiratory tract disease caused by viral infection. This gene 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],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 CxC) family.,subunit:Homodimer.,

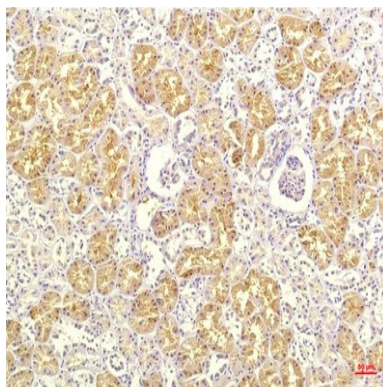
## Research Area

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

## Image Data



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



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

**Note**

For research use only.