Product Name: **IL-8 Mouse Monoclonal Antibody**
Catalog #: **AMM84947**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:50-1:100
Molecular Weight	/

Antigen Information

Gene Name	IL-8
Alternative Names	IL-8 (3A4); 9E3; CXCL8; CEF-4; GCP-1; Granulocyte chemotactic protein 1
Gene ID	3576.0
SwissProt ID	P10145
Immunogen	Synthetic peptide conjugated to KLH.

Background

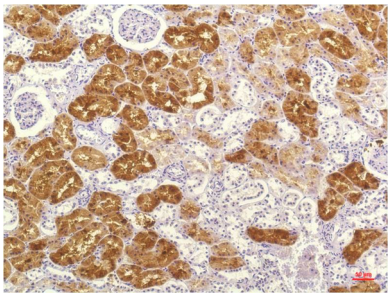
IL-8 is a chemotactic factor that attracts neutrophils, basophils, and T-cells, but not monocytes. It is also involved in neutrophil activation. It is released from several cell types in response to an inflammatory stimulus. IL-8(6-77) has a 5-10-fold higher activity on neutrophil activation, IL-8(5-77) 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.

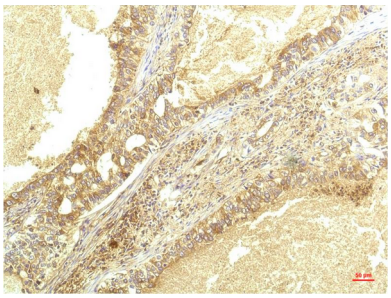
Research Area

TGF-beta signaling pathway

Image Data



Immunohistochemistry analysis of paraffin-embedded Human Kidney Tissue using IL-8 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemical analysis of paraffin-embedded Human tonsils using IL-8 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.