

IL8 Monoclonal Antibody

Catalog No: #42041

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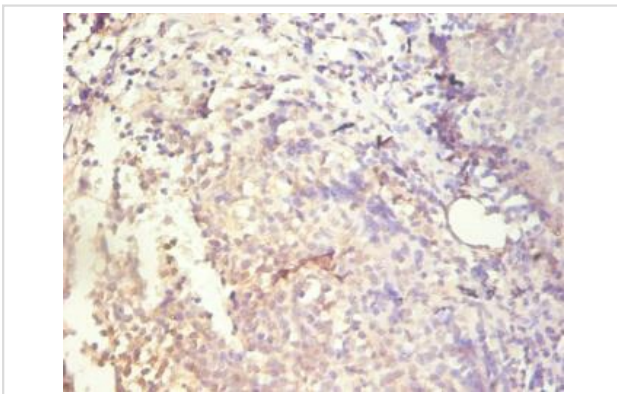
Description

Product Name	IL8 Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Purification	protein G purified
Applications	IHC
Species Reactivity	Hu
Specificity	specific for IL8 native and denatured forms
Immunogen Type	protein
Immunogen Description	Recombinant human Interleukin-8 protein
Target Name	IL8
Other Names	CXCL8, IL8 IL-8 C-X-C motif chemokine 8 Emotakin Granulocyte chemotactic protein 1 GCP-1 Monocyte-derived neutrophil chemotactic factor MDNCF Monocyte-derived neutrophil-activating peptide MONAP Neutrophil-activating protein 1 NAP-1 Protein 3-10C T-cell chemotactic factor
Accession No.	Swiss-Prot#: P10145
Uniprot	P10145
GeneID	3576;
Concentration	1.0mg/mL
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

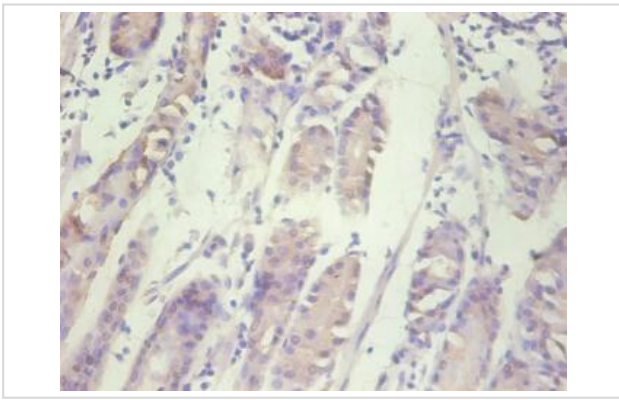
Application Details

Immunohistochemistry: 1:20 - 1:200

Images



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using #42041 at dilution of 1:200.



Immunohistochemical analysis of paraffin-embedded human gastric cancer tissue using #42041 at dilution of 1:200.

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.

References

[1] "The neutrophil-activating proteins interleukin 8 and beta-thromboglobulin: in vitro and in vivo comparison of NH₂-terminally processed forms." van Damme J., Rampart M., Coning R., Decock B., van Osselaer N., Willems J., Billiau A. Eur. J.

Note: This product is for in vitro research use only