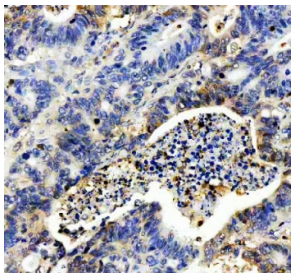
IL-8 Antibody (R30420)

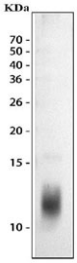
Catalog No.	Formulation	Size
R30420	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P10145
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml
Limitations	This IL-8 antibody is available for research use only.



IHC staining of FFPE human stomach cancer tissue with IL-8 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 10ng of recombinant protein with IL-8 antibody.

Description

Interleukin-8 (IL-8) is a chemokine produced by macrophages and other cell types such as epithelial cells. It is also synthesized by endothelial cells, which store IL-8 in their storage vesicles, the Weibel-Palade bodies. In humans, the interleukin-8 protein is encoded by the IL8 gene. Interleukin-8 (IL8) is a member of the CXC chemokine family (Hull et al., 2001). IL-8 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. The genes for IL8 have been co-localized on a 335-kb genomic fragment.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the IL-8 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of human IL8 (CLDPKENWVQRVVEKFLKR) was used as the immunogen for this IL-8 antibody.

Storage

After reconstitution, the IL-8 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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