BT LAB
Bioassay Technology Laboratory
Optimize Your Research

IL-8 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP04516
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human IL-8. AA range:19-68
Mol wt	11098
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	IL-8 Antibody
Synonyms	IL8; CXCL8; Interleukin-8; IL-8; C-X-C motif chemokine 8; Emoctakin; Granulocyte chemotactic protein 1; GCP-1; Monocyte-derived neutrophil chemotactic factor; MDNCF; Monocyte-derived neutrophil-activa

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Interleukin-8 encoded by IL8 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.

Recommended Dilution

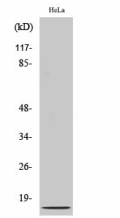
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

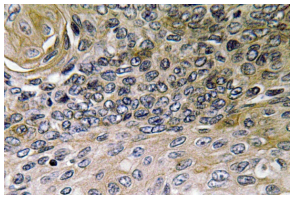
ELISA: 1: 20000

Not yet tested in other applications.

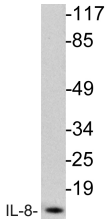
Images



Western Blot analysis of various cells using IL-8 Polyclonal Antibody



Immunohistochemistry analysis of IL-8 antibody in paraffin-embedded human lung carcinoma tissue.



Western blot analysis of lysate from HeLa cells, using IL-8 antibody.

Storage

-20°C for one year

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