

Datasheet

IL8 polyclonal antibody

Catalog Number: PAB19092

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of IL8.

Immunogen: A synthetic peptide corresponding to amino acids 77-95 at C-terminus of human IL8.

Sequence: CLDPKENWVQRVVEKFLKR

Host: Rabbit

Reactivity: Human

Applications: IHC-P, WB

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Lyophilized

Purification: Immunoaffinity purification

Isotype: IgG

Recommend Usage: Western Blot (1 ug/mL)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1 ug/mL)

The optimal working dilution should be determined by the end user.

Storage Buffer: Lyophilized from 0.9 mg NaCl, 0.2 mg Na₂HPO₄ (5 mg BSA, 0.05 mg sodium azide, 0.05 mg Thimerosal)

Storage Instruction: Store at -20°C on dry atmosphere.

After reconstitution with 200 uL of deionized water and concentration will be 500 ug/mL, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3576

Gene Symbol: IL8

Gene Alias: CXCL8, GCP-1, GCP1, LECT, LUCT, LYNAP, MDNCF, MONAP, NAF, NAP-1, NAP1

Gene Summary: The protein encoded by this gene 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. [provided by RefSeq]

References:

1. IL-8 induces the epithelial-mesenchymal transition of renal cell carcinoma cells through the activation of AKT signaling. Zhou N, Lu F, Liu C, Xu K, Huang J, Yu D. *Oncology Letters*. 2016 Jul 21. [Epub ahead of print]
2. CXCR1 as a novel target for directing reactive T cells toward melanoma: implications for adoptive cell transfer immunotherapy. Sapoznik S, Ortenberg R, Galore-Haskel G, Kozlovski S, Levy D, Avivi C, Barshack I, Cohen CJ, Besser MJ, Schachter J, Markel G. *Cancer Immunol Immunother*. 2012 Mar 24. [Epub ahead of print]