Product datasheet

Anti-IL-8 antibody ab154390

Overview

Product name: Anti-IL-8 antibody
Description: Rabbit polyclonal to IL-8
Host species: Rabbit
Tested applications: Suitable for: WB, IHC-P
Species reactivity: Reacts with: Human
Immunogen: Recombinant fragment corresponding to Human IL-8 aa 1-99.
Positive control: HeLa whole cell lysate (ab150035); Human gastric carcinoma tissue.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer: pH: 7.00
Preservative: 0.025% Proclin
Constituents: PBS, 20% Glycerol
Purity: Immunogen affinity purified
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab154390 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<th>Application</th>
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<td>IHC-P</td>
<td>1/100 - 1/1000.</td>
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### Function
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.

### Sequence similarities
Belongs to the intercrine alpha (chemokine CxC) family.

### Post-translational modifications
Several N-terminal processed forms are produced by proteolytic cleavage after secretion from at least peripheral blood monocytes, leukocytes and endothelial cells. In general, IL-8(1-77) is referred to as interleukin-8. IL-8(6-77) is the most prominent form.

### Cellular localization
Secreted.

### Images

![Western blot - Anti-IL-8 antibody (ab154390)](Western%20blot%20-%20Anti-IL-8%20antibody%20(ab154390).jpg)

**Anti-IL-8 antibody (ab154390) at 1/1000 dilution + HeLa whole cell lysate at 30 µg**

**Predicted band size:** 11 kDa

**15% SDS PAGE**

![Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL-8 antibody (ab154390)](Immunohistochemistry%20(Formalin%2FPFA-fixed%20paraffin-embedded%20sections)%20-%20Anti-IL-8%20antibody%20(ab154390).jpg)

Immunohistochemical analysis of paraffin-embedded Human gastric carcinoma tissue labeling IL8 with ab154390 at 1/500 dilution.

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