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Anti-Human IL-8 Antibody

Catalog # ABG10308

Specification

Anti-Human IL-8 Antibody - Product Information

Application	**WB, IHC, E**
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**

Anti-Human IL-8 Antibody - Additional Information

Preparation
Produced from sera of rabbits pre-immunized with highly pure recombinant Human IL-8. Anti-Human IL-8 specific antibody was purified by affinity chromatography employing immobilized Human IL-8 matrix.

WesternBlot
To detect Human IL-8 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. When used in conjunction with compatible secondary reagents, the detection limit for recombinant Human IL-8 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

Sandwich
To detect Human IL-8 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems' Biotinylated Anti-Human IL-8 (60-008BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Human IL-8.

Immunohistochemistry
This antibody stained formalin-fixed, paraffin-embedded sections of normal human skin. The recommended concentrations are 1.0 µg/ml for two hours at room temperature or 0.25 µg/ml overnight at 4°C. An HRP-labeled polymer detection system was used with a non-alcohol soluble AEC chromogen and a proteinase K antigen retrieval. Optimal concentrations and conditions may vary.
 *Additional Immunostaining data available. Please contact Tech Support for information.

Neutralization
To yield one-half maximal inhibition [ND₅₀] of the biological activity of Human IL-8 (100ng/ml), a concentration of 2.0 - 3.0 µg/ml of this antibody is required.

Formulation
A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.

Reconstitution
Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

Storage
-20°C

Precautions
Anti-Human IL-8 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Human IL-8 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Human IL-8 Antibody - Images