

IL-8, Anti-Human

Cat# NB-50-0982

Description

Antigen Affinity Purified Polyclonal Antibody
Rabbit Anti-Human IL-8 (CXCL8)

Product Informations

Expiration 5 years from date of receipt

Lot# 0114M018RB

Preparation: Produced from sera of rabbits immunized with highly pure Recombinant Human IL-8 (CXCL8). Anti-Human IL-8 (CXCL8)-specific antibody was purified by affinity chromatography employing an immobilized Human IL-8 matrix.

Formulation: Sterile filtered antibody solution was lyophilized from PBS, pH 7.2.

Immunogen: *E.coli*-derived, 8.4 kDa Recombinant Human IL-8 (CXCL8) (Catalog# NB-50-0184).

Endotoxin: < 0.1 ng/μg of protein (< 1 EU/μg).

Isotype: Rabbit IgG

Molecular Weight: Approximately 150 kDa

Storage & Handling

Reconstitution:

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

Storage/Stability:

Product Form	Temperature	Storage Time
Lyophilized	-20° to -80°C	Expiration 5 years from date of receipt
Lyophilized	Room Temperature	1 month
Reconstituted	2°C to 8°C	2 weeks
Extended Storage	-20° to -80°C	6 months

**Avoid repeated freeze-thaw cycles*

Applications

Optimal dilutions should be determined by each laboratory for each application.

Sandwich ELISA: To detect Human IL-8 by sandwich ELISA (using 100µl/well) a concentration of 0.5-2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with Neo Biotech's Biotinylated Anti-Human IL- 8 (CXCL8) (NB-50-0989) as a detection antibody, allows the detection of at least 2000-4000 pg/ml of Recombinant Human IL-8.

Western Blot: 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.

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.

For reference only

For Research Use Only. Not for Diagnostic or Therapeutic Use.

