NAP-2, Anti-Human, Biotinylated

Cat# NB-50-0615

Description

Antigen Affinity Purified Polyclonal Antibody

Biotinylated Goat Anti-Human NAP-2 (CXCL7)

Product Informations

Expiration 5 years from date of receipt

Preparation: Produced from sera of goats immunized with highly pure Recombinant Human NAP-2 (CXCL7). Anti-Human NAP- 2 (CXCL7)-specific antibody was purified by affinity chromatography and then biotinylated.

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

Immunogen: *E.coli*-derived, 7.6 kDa Recombinant Human NAP- 2 (CXCL7) (Neo Biotech Catalog# NB-50-0307).

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

Isotype: Goat IgG

Molecular Weight: Approximately 150 kDa

Storage & Handling

Reconstitution: *Centrifuge vial prior to opening. Reconstitute in sterile PBS + 0.1%* BSA to 0.1-1.0mg/ml.

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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 NAP-2 by sandwich ELISA (using 100µl/well) a concentration of 0.25-1.0 µg/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with Neo Biotech's Polyclonal Anti- Human NAP-2 (CXCL7) (NB-50-0612) as a capture antibody, allows the detection of at least 2000-4000 pg/ml of Recombinant Human NAP-2.

Western Blot: To detect Human NAP-2 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2µg/ml. When used in conjunction with compatible development reagents the detection limit for Recombinant Human NAP-2 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

Direct ELISA: To detect Human NAP-2 by direct ELISA (using 100 ml/well) a concentration of approximately 1.0 µg/ml of this antibody is required. This biotinylated polyclonal antibody allows the detection of at least 2000-4000 pg/ml of recombinant Human NAP-2.

For reference only

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

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