

Biotinylated Anti-Rat IL-1α Antibody

Catalog # ABG10240

Specification

Biotinylated Anti-Rat IL-1 α Antibody - Product Information

Application WB, E
Reactivity Rat
Host Goat
Clonality Polyclonal

Biotinylated Anti-Rat IL-1 α Antibody - Additional Information

Preparation

Produced from sera of goats pre-immunized with highly pure (>98%) recombinant Rat IL-1 α . Anti-Rat IL-1 α specific antibody was purified by affinity chromatography and then biotinylated.

WesternBlot

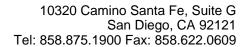
To detect Rat IL- 1α by Western Blot analysis this antibody can be used at a concentration of 0.1 - $0.2~\mu g/ml$. Used in conjunction with compatible secondary reagents the detection limit for recombinant Rat IL- 1α is 1.5 - 3.0~ng/lane, under either reducing or non-reducing conditions.

Sandwich

To detect Rat IL-1 α by sandwich ELISA (using 100 μ l/well antibody solution) a concentration of 0.25 – 1.0 μ g/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with BioGems' Polyclonal Anti-Rat IL-1 α (62-001AP) as a capture antibody, allows the detection of at least 0.2 – 0.4 μ g/well of recombinant Rat IL-1 α .

Direct

To detect Rat IL-1 α by direct ELISA (using 100 μ l/well antibody solution) a concentration of 0.25 – 1.0 μ g/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2 – 0.4 ng/well of recombinant Rat IL-1 α .





Formulation

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

Reconstitution

Centrifuge vial prior to opening. Reconstitute in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.

Storage -20°C

Precautions

Biotinylated Anti-Rat IL- 1α Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Biotinylated Anti-Rat IL-1 α Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture