

Anti-Human IL-1RA Antibody

Catalog # ABG10241

Specification

Anti-Human IL-1RA Antibody - Product Information

Application WB, E
Reactivity Human
Host Rabbit
Clonality Polyclonal

Anti-Human IL-1RA Antibody - Additional Information

Preparation

Produced from sera of rabbits immunized with highly pure recombinant Human IL-1RA. Anti-Human IL-1RA specific antibody was purified by affinity chromatography employing an immobilized Human IL-1RA matrix.

WesternBlot

To detect Human IL-1RA 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 Human IL-1RA is 1.5 - 3.0~ng/lane, under either reducing or non-reducing conditions.

Sandwich

To detect Human IL-1RA by sandwich ELISA (using 100μ I/well antibody solution) a concentration of 0.5 - 2.0 μ g/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems' Biotinylated Anti-Human IL-1RA (60-001RABT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Human IL-1RA.

Neutralization

To yield one-half maximal inhibition [ND₅₀] of the biological activity of Human IL-1RA (50.0 ng/ml) and Human IL-1 α (50.0 pg/ml), a concentration of 2.5-3.7 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.

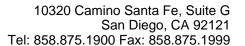
Storage

-20°C

Precautions

Anti-Human IL-1RA Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Human IL-1RA Antibody - Protocols





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

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

Anti-Human IL-1RA Antibody - Images