

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 µg/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 100µl/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's 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 [**ND**">₅₀] of the biological activity of Human IL-1RA (50.0 ng/ml) and Human IL-1α(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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)