

Anti-Human IL-7 Antibody
Catalog # ABG10301**Specification**

Anti-Human IL-7 Antibody - Product Information

Application	WB, E
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

Anti-Human IL-7 Antibody - Additional Information**Preparation**

Produced from sera of rabbits pre-immunized with highly pure recombinant Human IL-7. Anti-Human IL-7 specific antibody was purified by affinity chromatography employing immobilized Human IL-7 matrix.

WesternBlot

To detect Human IL-7 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-7 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

Sandwich

To detect Human IL-7 by sandwich ELISA (using 100 µl/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-7 (60-007BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Human IL-7.

Neutralization

To yield one-half maximal inhibition [**ND**">₅₀] of the biological activity of Human IL-7 (1.0ng/ml), a concentration of 0.04 - 0.06 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-7 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Human IL-7 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](#)

Anti-Human IL-7 Antibody - Images