

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 $0.1 - 0.2 \,\mu\text{g/ml}$. When used in conjunction with compatible secondary reagents, the detection limit for recombinant Human IL-7 is $1.5 - 3.0 \,\text{ng/lane}$, under either reducing or non-reducing conditions.

Sandwich

To detect Human IL-7 by sandwich ELISA (using 100 μ l/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-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 μ g/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.

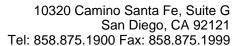
Storage

-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
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Human IL-7 Antibody - Images