

Anti-Human IL-15 Antibody

Catalog # ABG10214

Specification

Anti-Human IL-15 Antibody - Product Information

Application WB, E
Reactivity Human
Host Mouse
Clonality Monoclonal

Anti-Human IL-15 Antibody - Additional Information

Preparation

Produced in BALB/c x C57BL/6 F₁ mice using highly pure (>98%) recombinant human IL-15 as the immunizing antigen. This IgG1_K antibody was purified from ammonium sulfate precipitation followed by ion exchange chromatography.

WesternBlot

To detect hIL-15 by Western Blot analysis this antibody can be used at a concentration of $0.50-1.0 \, \mu g/ml$ (non-reducing) or at a concentration of $2.0-4.0 \, \mu g/ml$ (reducing). Used in conjunction with compatible secondary reagents the detection limit for recombinant hIL-15 is $2.0-4.0 \, ng/lane$, under reducing or non-reducing conditions.

Sandwich

In a sandwich ELISA (assuming $100\mu\text{I/weII}$), a concentration of $4.0\text{-}8.0~\mu\text{g/mI}$ of this antibody will detect at least 250 pg/ml of recombinant human IL-15 when used with BioGems' biotinylated antigen affinity purified anti-human IL-15 (60-015BT) as the detection antibody at a concentration of approximately $2.0\text{-}4.0~\mu\text{g/mI}$.

Formulation

A sterile filtered antibody solution was lyophilized from PBS.

Reconstitution

Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

Storage

-20°C

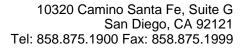
Precautions

Anti-Human IL-15 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Human IL-15 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

Anti-Human IL-15 Antibody - Images