

Anti-Human IL-15 Antibody
Catalog # ABG10210**Specification**

Anti-Human IL-15 Antibody - Product Information

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|-------------|-------------------|
| Application | WB, IHC, E |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |

Anti-Human IL-15 Antibody - Additional Information**Preparation**

Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hIL-15. Anti-Human IL-15 specific antibody was purified by affinity chromatography employing immobilized hIL-15 matrix.

WesternBlot

To detect hIL-15 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 hIL-15 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

Sandwich

To detect hIL-15 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-15 (60-015BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hIL-15.

Immunohistochemistry

This antibody stained formalin-fixed, paraffin-embedded sections of human normal placenta. The recommended concentration is 0.5 mg/ml-1.0 mg/ml with a two hour incubation at room temperature. An HRP-labeled polymer detection system was used with a DAB chromogen. Heat induced antigen retrieval with a pH 6.0 sodium citrate buffer is recommended. Optimal concentrations and conditions may vary.

Neutralization

To yield one-half maximal inhibition [**ND**">₅₀] of the biological activity of hIL-15 (1.0 ng/ml), a concentration of 0.15 - 0.20 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-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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Human IL-15 Antibody - Images