

**Anti-Human IL-2 Antibody**  
**Catalog # ABG10255****Specification**

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**Anti-Human IL-2 Antibody - Product Information**

Application	<b>WB, IHC, E</b>
Reactivity	<b>Human</b>
Host	<b>Mouse</b>
Clonality	<b>Monoclonal</b>

**Anti-Human IL-2 Antibody - Additional Information****Preparation**

Produced in mice using highly pure (>98%) recombinant human IL-2 as the immunizing antigen. This IgG1<sub>K</sub> antibody was purified from cell culture by Protein A affinity chromatography.

**WesternBlot**

To detect hIL-2 by Western Blot analysis this antibody can be used at a concentration of 1.0-2.0 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hIL-2 is 2.0-4.0 ng/lane, under reducing or non-reducing conditions.

**Sandwich**

In a sandwich ELISA (assuming 100µl/well), a concentration of 4.0-8.0 µg/ml of this antibody will detect at least 1000 pg/ml of recombinant human IL-2 when used with BioGems's biotinylated antigen affinity purified anti-human IL-2 (60-002BT) as the detection antibody at a concentration of approximately 1.0-2.0 µg/ml.

**Immunohistochemistry**

This antibody stained formalin-fixed, paraffin-embedded sections of human breast invasive ductal carcinoma. The recommended concentration is 2.5 µg/ml-5.0 µg/ml with an overnight incubation at 4°C. 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. Tissue samples were provided by the Cooperative Human Tissue Network, which is funded by the National Cancer Institute.

**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-2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-Human IL-2 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-2 Antibody - Images**