

# **Anti-Human IL-2 Antibody**

Catalog # ABG10255

# **Specification**

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

Application WB, IHC, E
Reactivity Human
Host Mouse
Clonality Monoclonal

# **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  $\mu$ g/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' 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  $\mu$ g/ml-5.0  $\mu$ g/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.



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

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