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$_K$ 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' 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 Cytomety](#)
- [Cell Culture](#)

Anti-Human IL-2 Antibody - Images