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Anti-Human IL-2 Antibody

Catalog # ABG10255

Product Information

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

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 □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 100 □l/well), a concentration of 4.0-8.0 □g/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 □g/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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.