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Product Datasheet

Anti-Human IL-2 Antibody, Mouse, Monoclonal ABT-ABG10255-U500

Article Name	Anti-Human IL-2 Antibody, Mouse, Monoclonal
Biozol Catalog Number	ABT-ABG10255-U500
Supplier Catalog Number	ABG10255-U500
Alternative Catalog Number	ABT-ABG10255-U500-500UG
Manufacturer	Abcepta
Host	Mouse
Category	Antikörper
Application	ELISA, IHC, WB
Species Reactivity	Human
Clonality	Monoclonal
Purity	Produced in mice using highly pure (>98%) recombinant human IL-2 as the immunizing antigen. This IgG1K antibody was purified from cell culture by Protein A affinity chromatography.
Form	A sterile filtered antibody solution was lyophilized from PBS.
Antibody Type	Monoclonal Antibody

Application Notes

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 4C. 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.. Reconstitution: Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.