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Product Datasheet

Anti-Human IL-6 Antibody, Rabbit, Polyclonal ABT-ABG10291-U100

Article Name	Anti-Human IL-6 Antibody, Rabbit, Polyclonal
Biozol Catalog Number	ABT-ABG10291-U100
Supplier Catalog Number	ABG10291-U100
Alternative Catalog Number	ABT-ABG10291-U100-100UG
Manufacturer	Abcepta
Host	Rabbit
Category	Antikörper
Application	ELISA, IHC, WB
Species Reactivity	Human
Clonality	Polyclonal
Purity	Produced from sera of rabbits pre-immunized with highly pure recombinant Human IL-6. Anti-Human IL-6 specific antibody was purified by affinity chromatography employing immobilized Human IL-6 matrix.
Form	A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.
Antibody Type	Polyclonal Antibody

Application Notes

WesternBlot: To detect Human IL-6 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. When used in conjunction with compatible secondary reagents, the detection limit for recombinant Human IL-6 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.. Sandwich: To detect Human IL-6 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems Biotinylated Anti-Human IL-6 (60-006BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Human IL-6.. Immunohistochemistry: This antibody stained formalin-fixed, paraffin-embedded sections of human cervical squamous cell carcinoma. The recommended concentrations are 0.25 µg/ml-0.5 µg/ml with an overnight incubation at 4C. An HRP-labeled polymer detection system was used with a DAB chromogen. The recommended antigen retrieval is heat induced antigen retrieval with a pH 6.0 Sodium Citrate buffer. Optimal concentrations and conditions may vary.
 *Additional Immunostaining data available. Please contact Tech Support for information.. Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of Human IL-6 (1.0 ng/ml), a concentration of 0.20 - 0.40 µg/ml of this antibody is required.. Reconstitution: Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.