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Product Datasheet

Anti-Human IGF-I Antibody, Rabbit, Polyclonal
ABT-ABG10182-U050

Artikelname	Anti-Human IGF-I Antibody, Rabbit, Polyclonal
Artikelnummer	ABT-ABG10182-U050
Hersteller Artikelnummer	ABG10182-U050
Alternativnummer	ABT-ABG10182-U050-50UG
Hersteller	Abcepta
Wirt	Rabbit
Kategorie	Antikörper
Applikation	ELISA, IHC, WB
Spezies Reaktivität	Human
Klonalität	Polyclonal
Reinheit	Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hIGF-I. Anti-Human IGF-I specific antibody was purified by affinity chromatography employing immobilized hIGF-I matrix.
Formulierung	A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.
Antibody Type	Polyclonal Antibody

Anwendungsbeschreibung	WesternBlot: To detect hIGF-I by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hIGF-I is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.. Sandwich: To detect hIGF-I 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 IGF-I (60-186BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hIGF-I.. Immunohistochemistry: This antibody stained formalin-fixed, paraffin-embedded sections of human breast invasive ductal carcinoma. The recommended concentration is 0.25 µg/ml with an overnight incubation at 4C. An HRP-labeled polymer detection system was used with a DAB chromogen. Optimal results for these conditions were achieved without antigen retrieval. Optimal concentrations and conditions may vary.. Neutralization: To yield one-half maximal inhibition [ND<span style=font-size: 16px,>50] of the biological activity of hIGF-I (5.0 ng/ml), a concentration of 0.67 - 1.0 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.