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## Product Datasheet

### Anti-Human Betacellulin Antibody, Rabbit, Polyclonal ABT-ABG10033-U100

Article Name	Anti-Human Betacellulin Antibody, Rabbit, Polyclonal
Biozol Catalog Number	ABT-ABG10033-U100
Supplier Catalog Number	ABG10033-U100
Alternative Catalog Number	ABT-ABG10033-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 (>98%) recombinant hBetacellulin. Anti-Human Betacellulin specific antibody was purified by affinity chromatography employing immobilized hBetacellulin matrix.
Form	A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.
Antibody Type	Polyclonal Antibody

Application Notes

WesternBlot: To detect hBetacellulin 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 hBetacellulin is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.. Sandwich: To detect hBetacellulin 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 Betacellulin (60-081BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hBetacellulin.. Immunohistochemistry: This antibody stained formalin-fixed paraffin-embedded sections of human pancreas adenocarcinoma tissue. The recommended concentration is 2.5 µg/ml with an overnight incubation at 4C. An HRP-labeled polymer detection system was used with an alcohol-soluble AEC chromogen. Heat induced antigen retrieval with a pH 6.0 sodium citrate buffer is recommended. 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 Human Betacellulin (0.1 ng/ml), a concentration of 0.1 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.