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Product Datasheet

Anti-Human Galectin-3 Antibody, Rabbit, Polyclonal ABT-ABG10127-U100

Article Name	Anti-Human Galectin-3 Antibody, Rabbit, Polyclonal
Biozol Catalog Number	ABT-ABG10127-U100
Supplier Catalog Number	ABG10127-U100
Alternative Catalog Number	ABT-ABG10127-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 hGalectin-3. Anti-Human Galectin-3 specific antibody was purified by affinity chromatography employing immobilized hGalectin-3 matrix.
Form	A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.
Antibody Type	Polyclonal Antibody

Application Notes

WesternBlot: To detect hGalectin-3 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 hGalectin-3 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.. Sandwich: To detect hGalectin-3 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 Galectin-3 (60-155BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hGalectin-3.. Immunohistochemistry: This antibody stained formalin-fixed paraffin-embedded sections of human pancreas infiltrating ductal adenocarcinoma tissue. The recommended concentration is 31.25 ng/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 with heat induced antigen retrieval with a pH 6.0 sodium citrate buffer. Optimal concentrations and conditions may vary.. Reconstitution: Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.