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## Product Datasheet

### **Anti-Human SDF-1beta Antibody, Goat, Polyclonal ABT-ABG10504-U050**

Article Name	Anti-Human SDF-1beta Antibody, Goat, Polyclonal
Biozol Catalog Number	ABT-ABG10504-U050
Supplier Catalog Number	ABG10504-U050
Alternative Catalog Number	ABT-ABG10504-U050-50UG
Manufacturer	Abcepta
Host	Goat
Category	Antikörper
Application	ELISA, IHC, WB
Species Reactivity	Human
Clonality	Polyclonal
Purity	Produced from sera of goats pre-immunized with highly pure recombinant Human SDF-1beta. Anti-Human SDF-1beta specific antibody was purified by affinity chromatography employing immobilized Human SDF-1beta matrix.
Form	A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.
Antibody Type	Polyclonal Antibody

Application Notes

WesternBlot: To detect Human SDF-1beta 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 SDF-1beta is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.. Sandwich: To detect Human SDF-1beta 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 SDF-1beta (60-295BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Human SDF-1beta.. Immunohistochemistry: This antibody stained formalin-fixed, paraffin-embedded sections of human pancreas malignant adenocarcinoma. The recommended concentration is 2.5-5.0 µg/mL with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with a DAB chromogen. Heat induced antigen retrieval with a pH 9.0 buffer is recommended. Optimal concentrations and conditions may vary. <br /> <br /> <span style=font-size: 10px,><em>Tissue samples were provided by the Cooperative Human Tissue Network, which is funded by the National Cancer Institute. <br /> Information and photo are courtesy of Flagship Biosciences, LLC - Histology Services.</em>. Reconstitution: Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.