

Anti-Human SCF Antibody

Catalog # ABG10490

Product Information

Application	WB, IHC, E
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

Additional Information

Preparation	Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hSCF. Anti-Human SCF specific antibody was purified by affinity chromatography employing immobilized hSCF matrix.
WesternBlot	To detect hSCF by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 μ g/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hSCF is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
Sandwich	To detect hSCF by sandwich ELISA (using 100 μ l/well antibody solution) a concentration of 0.5 - 2.0 μ g/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems' Biotinylated Anti-Human SCF (60-291BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hSCF.
Immunohistochemistry	This antibody stained formalin-fixed paraffin-embedded sections of human pancreas adenocarcinoma tissue. The recommended concentration is 0.5 μ g/ml - 1.0 μ g/ml with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with an alcohol-soluble AEC chromogen. Optimal results for these conditions were achieved with enzyme induced antigen retrieval (proteinase K) at room temperature. Optimal concentrations and conditions may vary.
*Additional Immunostaining data available. Please contact Tech Support for information.	
Neutralization	To yield one-half maximal inhibition [ND_{50}] of the biological activity of hSCF (10.00 ng/ml), a concentration of 0.64-0.96 μ g/ml of this antibody is required.
Formulation	A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.
Reconstitution	Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.
Storage	-20°C
Precautions	Anti-Human SCF Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.