

Anti-Human SCF Antibody
Catalog # ABG10490**Specification****Anti-Human SCF Antibody - Product Information**

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

Anti-Human SCF Antibody - 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 µg/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 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's 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 µg/ml - 1.0 µg/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 µg/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.

Anti-Human SCF Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Human SCF Antibody - Images