

**Anti-Human SCF Antibody
Catalog # ABG10497****Specification****Anti-Human SCF Antibody - Product Information**

Application	WB, IHC, E
Reactivity	Human
Host	Mouse
Clonality	Monoclonal

Anti-Human SCF Antibody - Additional Information**Preparation**

Produced in BALB/c x ICR F₁ mice using highly pure (>98%) recombinant human SCF as the immunizing antigen. This IgG1_K antibody was purified from ascites fluid by Protein A affinity chromatography.

WesternBlot

To detect hSCF by Western Blot analysis this antibody can be used at a concentration of 0.25-0.50 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hSCF is 2.0-4.0 ng/lane, under non-reducing conditions.

Sandwich

In a sandwich ELISA (assuming 100µl/well), a concentration of 4.0-8.0 µg/ml of this antibody will detect at least 1000 pg/ml of recombinant human SCF when used with BioGems' biotinylated antigen affinity purified anti-human SCF (60-291BT) as the detection antibody at a concentration of approximately 1.0-2.0 µg/ml.

Immunohistochemistry

This antibody stained CACO-2 cells and A-431 cells. The primary antibody was incubated at 2.0 µg/ml overnight at 4°C followed by a fluorescent labeled secondary antibody. Optimal concentrations and conditions may vary. Information and photo are courtesy of the Cell Profiling group, SciLifeLab Stockholm.

Formulation

A sterile filtered antibody solution was lyophilized from PBS.

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