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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-431cells. 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

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Human SCF Antibody - Images