

# **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 F<sub>1</sub> mice using highly pure (>98%) recombinant human SCF as the immunizing antigen. This IgG1<sub>K</sub> 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  $\mu$ g/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hSCF is 2.0-4.0  $\mu$ g/lane, under non-reducing conditions.

### Sandwich

In a sandwich ELISA (assuming  $100\mu$ I/well), a concentration of 4.0- $8.0~\mu$ g/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- $2.0~\mu$ g/ml.

## **Immunohistochemistry**

This antibody stained CACO-2 cells and A-431cells. The primary antibody was incubated at 2.0  $\mu$ g/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.

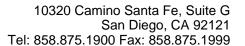
### Storage

-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
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

**Anti-Human SCF Antibody - Images**