

## PRODUCT INFORMATION SUMMARY

### ANTI-Human SCF (Polyclonal Rabbit)

|                |         |                   |         |
|----------------|---------|-------------------|---------|
| PRODUCT NUMBER | RHF540  | Purified Antibody | 0.1 mg  |
|                | RHF540B | Biotin Conjugate  | 50.0 ug |

#### ANTIGEN DISTRIBUTION AND SPECIFICITY:

Rabbit polyclonal antibodies specific for Human Stem Cell Factor (SCF). Developed using highly purified recombinant Human SCF as immunogen. Stem Cell Factor is a growth factor for early stage hematopoiesis of myeloid, erythroid and lymphoid progenitors in bone marrow. Antiserum further purified by **Antigen-Affinity** chromatography, to produce highly specific, high titre preparation.

**Source:** Rabbit serum Purified by Antigen-Affinity chromatography.

#### Characterization:

**ELISA :** Antibody concentration of 0.5 ug/mL (100 uL/well) was used to detect 0.4 ng/well recombinant human SCF.

**NEUTRALIZATION:** Antibody concentration of 0.012 ug/mL was used to achieve one-half maximal inhibition of 10.0 ng/mL of human SCF.

**WESTERN BLOT:** Antibody concentration of 0.2 ug/mL was used to detect 1.5 ng/lane recombinant SCF under both reducing and non-reducing conditions.

#### HANDLING AND STORAGE:

Reagent supplied as lyophilized. **Store frozen at -20 deg. C.** Purified antibody should be reconstituted with 100 uL sterile water. Further dilutions should be made in a protein-containing buffer or other stabilizing medium (BSA/PBS or gelatin/PBS) to a concentration suitable for use in specific protocols. All reagents in a liquid state should be re-frozen in small aliquots, or add preservative (ie. 0.1 % sodium azide or similar) to store liquid at 2-8° C when not in use. Antibody is stable for approximately one month, in liquid state, without preservative. Reagent is provided preservative-free. Freeze aliquots for long-term storage. Avoid repeat freeze/thaw.

**FOR RESEARCH USE ONLY. NOT INTENDED FOR THERAPEUTIC OR DIAGNOSTIC USE.**