

## PRODUCT INFORMATION SUMMARY

### Anti-SDF-1 Alpha (Polyclonal)

Purified Polyclonal Antibody	Product Number	RHF620	0.1 mg
Biotin Conjugate	Product Number	RHF620B	50 ug

\* ANTIGEN-Affinity Purified

**SPECIFICITY:**

Rabbit polyclonal antibodies to human Stromal Cell Derived Factor (SDF), - 1 Alpha, produced from highly purified recombinant human SDF-1 Alpha immunogen. Human SDF Alpha is a chemokine of 8.0 kDa molecular weight. Antiserum further purified by **antigen-affinity** chromatography, to produce highly specific, high titre antibody.

**SOURCE:** Rabbit antiserum.

**RESEARCH APPLICATIONS:**

Identification of human SDF-1 Alpha in body fluids and tissue sections.

**ELISA:** Antibody concentration of 0.5 ug/mL ( 100 uL/well) was used to detect 0.4 ng/well recombinant human SDF-1 Alpha.

**NEUTRALIZING ACTIVITY:** Antibody concentration of 4.0 ug/mL achieved one-half maximal inhibition of 100 ng/mL human SDF1-Alpha.

**Western Blot:** Antibody concentration 0.2 ug/mL used to detect 1.5 - 3.0 ng/lane under both reducing or non-reducing conditions.

**HANDLING AND STORAGE:**

Purified polyclonal antibody provided lyophilized from PBS, preservative-free. Reconstitute with 100 uL **sterile** water. These preparations should be diluted in a protein-containing or other stabilizing medium to a concentration suitable for use in specific protocols. Small aliquots should be frozen at -20° C for long-term storage, or preservative added as suitable for application. All reagents in a liquid state should be stored at 2-8° C when not in use, Avoid repeat freeze-thaw cycles.

**WARRANTY:**

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the product label description.

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NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE.**