

# SDF-1 $\beta$ Polyclonal Antibody

**CATALOG #:** 5390A-100

**LOT #:** \_\_\_\_\_

**IMMUNOGEN:** Recombinant human SDF-1 $\beta$  (ID# BV-D4G)

**HOST:** Rabbit

**FORMULATION:**

100  $\mu$ g (0.5 mg/ml) affinity purified rabbit anti-human SDF-1 $\beta$  polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA and 0.01% thimerosal.

**SPECIES REACTIVITY:** Human

**STORAGE CONDITIONS:**

Store at -20 $^{\circ}$ C. For long-term storage, aliquot and freeze at -70 $^{\circ}$ C. Avoid repeated freeze/thaw cycles.

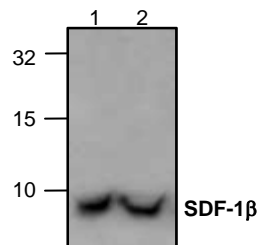
**BACKGROUND DESCRIPTION:**

Stromal cell-derived factor-1 beta is a stromal derived CXC chemokine that belong to the intercrine family, members of which activate leukocytes and are often induced by proinflammatory stimuli such as lipopolysaccharide, TNF, or IL-1. SDF-1 $\beta$  signals through CXCR4 receptor.

**APPLICATION AND SPECIFICITY:**

The antibody can be used for Western blot analysis (0.5-4  $\mu$ g/ml). However, the optimal conditions should be determined individually. Recombinant human SDF-1 $\beta$  (Cat.# 4390-10) can be used as a positive control.

**NOTE:** For Research Use Only! Not to be used in humans.



**Cat. #: 5390A-100**  
Western blot analysis of SDF-1 $\beta$  using recombinant human SDF-1 $\beta$  (Cat. #: 4390-10).

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