

# Biotinylated Anti-Human SDF-1 $\beta$ Antibody

Catalog # ABG10505

## Product Information

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| <b>Application</b> | WB, E      |
| <b>Reactivity</b>  | Human      |
| <b>Host</b>        | Goat       |
| <b>Clonality</b>   | Polyclonal |

## Additional Information

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| <b>Preparation</b>    | Produced from sera of goats pre-immunized with highly pure (>98%) recombinant Human SDF-1 $\beta$ . Anti-Human SDF-1 $\beta$ specific antibody was purified by affinity chromatography and then biotinylated.                                                                                                                                                                                      |
| <b>WesternBlot</b>    | To detect Human SDF-1 $\beta$ by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 $\mu$ g/ml. When used in conjunction with compatible secondary reagents, the detection limit for recombinant Human SDF-1 $\beta$ is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.                                                                          |
| <b>Sandwich</b>       | To detect Human SDF-1 $\beta$ by sandwich ELISA (using 100 $\mu$ l/well antibody solution) a concentration of 0.25 – 1.0 $\mu$ g/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with BioGems' Polyclonal Anti-Human SDF-1 $\beta$ (60-295P) as a capture antibody, allows the detection of at least 0.2 – 0.4 ng/well of recombinant Human SDF-1 $\beta$ . |
| <b>Direct</b>         | To detect Human SDF-1 $\beta$ by direct ELISA (using 100 $\mu$ l/well antibody solution) a concentration of 0.25 – 1.0 $\mu$ g/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2 – 0.4 ng/well of recombinant Human SDF-1 $\beta$ .                                                  |
| <b>Formulation</b>    | A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.                                                                                                                                                                                                                                                                                                                             |
| <b>Reconstitution</b> | Centrifuge vial prior to opening. Reconstitute in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.                                                                                                                                                                                                                                                                             |
| <b>Storage</b>        | -20°C                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Precautions</b>    | Biotinylated Anti-Human SDF-1 $\beta$ Antibody is for research use only and not for use in diagnostic or therapeutic procedures.                                                                                                                                                                                                                                                                   |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.