

**Biotinylated Anti-Murine SDF-1 $\alpha$  Antibody**  
**Catalog # ABG10503****Specification**

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**Biotinylated Anti-Murine SDF-1 $\alpha$  Antibody - Product Information**

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

**Biotinylated Anti-Murine SDF-1 $\alpha$  Antibody - Additional Information****Preparation**

Produced from sera of goats pre-immunized with highly pure recombinant Murine SDF-1 $\alpha$ . Anti-Murine SDF-1 $\alpha$  specific antibody was purified by affinity chromatography and then biotinylated.

**WesternBlot**

To detect Murine SDF-1 $\alpha$  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 Murine SDF-1 $\alpha$  is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

**Sandwich**

To detect Murine SDF-1 $\alpha$  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's Polyclonal Anti-Murine SDF-1 $\alpha$  (61-120P) as a capture antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Murine SDF-1 $\alpha$ .

**Direct**

To detect Murine SDF-1 $\alpha$  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 Murine SDF-1 $\alpha$ .

**Formulation**

A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.

**Reconstitution**

Centrifuge vial prior to opening. Reconstitute in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.

**Storage**

-20°C

**Precautions**

Biotinylated Anti-Murine SDF-1 $\alpha$  Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Biotinylated Anti-Murine SDF-1 $\alpha$  Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Biotinylated Anti-Murine SDF-1 $\alpha$  Antibody - Images**