Anti-Murine SDF-1α Antibody
Catalog # ABG10501

Specification

Anti-Murine SDF-1α Antibody - Product Information

Application	**WB, E**
Reactivity	**Mouse**
Host	**Goat**
Clonality	**Polyclonal**

Anti-Murine SDF-1α Antibody - Additional Information

Preparation
Produced from sera of goats pre-immunized with highly pure recombinant Murine SDF-1α. Anti-Murine SDF-1α specific antibody was purified by affinity chromatography employing immobilized Murine SDF-1α matrix.

WesternBlot
To detect Murine SDF-1α by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. When used in conjunction with compatible secondary reagents, the detection limit for recombinant Murine SDF-1α is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

Sandwich
To detect Murine SDF-1α by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems' Biotinylated Anti-Murine SDF-1α (61-120BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Murine SDF-1α.

Neutralization
To yield one-half maximal inhibition [ND₅₀] of the biological activity of Murine SDF-1α (100 ng/ml), a concentration of 2.5 - 3.5 µg/ml of this antibody is required.

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

Reconstitution
Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.
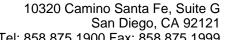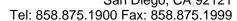
Storage
-20°C

Precautions
Anti-Murine SDF-1α Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Murine SDF-1α 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 Cytomety](#)
- [Cell Culture](#)

Anti-Murine SDF-1α Antibody - Images