

Anti-Murine IGF-I Antibody

Catalog # ABG10183

Specification

Anti-Murine IGF-I Antibody - Product Information

Application WB, E
Reactivity Mouse
Host Goat
Clonality Polyclonal

Anti-Murine IGF-I Antibody - Additional Information

Preparation

Produced from sera of goats pre-immunized with highly pure (>98%) recombinant mIGF-I. Anti-Murine IGF-I specific antibody was purified by affinity chromatography employing immobilized mIGF-I matrix.

WesternBlot

To detect mIGF-I by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 $\mu g/ml$. Used in conjunction with compatible secondary reagents the detection limit for recombinant mIGF-I is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

Sandwich

To detect mIGF-I by sandwich ELISA (using 100 μ I/well antibody solution) a concentration of 0.5 - 2.0 μ g/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems' Biotinylated Anti-Murine IGF-I (61-080BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant mIGF-I.

Neutralization

To yield one-half maximal inhibition [ND_{>50}] of the biological activity of Murine IGF-I (200 ng/ml), a concentration of $12.0 - 14.0 \mu g/ml$ 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.

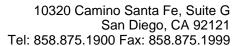
Storage

-20°C

Precautions

Anti-Murine IGF-I Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Murine IGF-I Antibody - Protocols





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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Murine IGF-I Antibody - Images