

Anti-Murine EGF Antibody

Catalog # ABG10064

Specification

Anti-Murine EGF Antibody - Product Information

Application WB, E
Reactivity Mouse
Host Goat
Clonality Polyclonal

Anti-Murine EGF Antibody - Additional Information

Preparation

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

WesternBlot

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

Sandwich

To detect mEGF by sandwich ELISA (using 100 μ l/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 EGF (61-063BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant mEGF.

Neutralization

To yield one-half maximal inhibition [ND₅₀] of the biological activity of Murine EGF (0.1 ng/ml), a concentration of 3.0-5.0 ng/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.

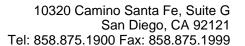
Storage

-20°C

Precautions

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

Anti-Murine EGF 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 EGF Antibody - Images