

Anti-Murine EGF Antibody

Catalog # ABG10069

Specification

Anti-Murine EGF Antibody - Product Information

Application WB, E
Reactivity Mouse
Host Rat

Clonality Monoclonal

Anti-Murine EGF Antibody - Additional Information

Preparation

Produced in Sprague Dawley rats using highly pure (>98%) recombinant murine EGF as the immunizing antigen. This IgG2_{AK} antibody was purified from cell culture by Protein G affinity chromatography.

WesternBlot

To detect mEGF by Western Blot analysis this antibody can be used at a concentration of $2.0-4.0 \, \mu g/ml$. Used in conjunction with compatible secondary reagents the detection limit for recombinant mEGF is $0.25-0.50 \, ng/lane$ under non-reducing conditions and $10.0-15.0 \, ng/lane$ under reducing conditions.

Sandwich

In a sandwich ELISA (assuming 100μ I/well), a concentration of 2.0- $4.0~\mu$ g/ml of this antibody will detect at least 100~pg/ml of recombinant murine EGF when used with BioGems' biotinylated antigen affinity purified anti-murine EGF (61-063BT) as the detection antibody at a concentration of approximately 1.0- $2.0~\mu$ g/ml.

Formulation

A sterile filtered antibody solution was lyophilized from PBS.

Reconstitution

Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

Storage

-20°C

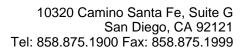
Precautions

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