

Anti-Murine IL-4 Antibody

Catalog # ABG10280

Specification

Anti-Murine IL-4 Antibody - Product Information

Application WB, E
Reactivity Mouse
Host Rabbit
Clonality Polyclonal

Anti-Murine IL-4 Antibody - Additional Information

Preparation

Produced from sera of rabbits pre-immunized with highly pure recombinant Murine IL-4. Anti-Murine IL-4 specific antibody was purified by affinity chromatography employing immobilized Murine IL-4 matrix.

WesternBlot

To detect Murine IL-4 by Western Blot analysis this antibody can be used at a concentration of $0.1\text{-}0.2~\mu\text{g/ml}$. When used in conjunction with compatible secondary reagents, the detection limit for recombinant Murine IL-4 is 1.5-3.0~ng/lane, under either reducing or non-reducing conditions.

Sandwich

To detect Murine IL-4 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 IL-4 (61-004BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Murine IL-4.

Neutralization

To yield one-half maximal inhibition [ND₅₀] of the biological activity of Murine IL-4 (5 ng/ml), a concentration of $0.78-1.16 \mu g/ml$ 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

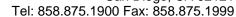
-20°C

Precautions

Anti-Murine IL-4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Murine IL-4 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 IL-4 Antibody - Images