

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 0.1-0.2 µg/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 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's 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 [**ND**">₅₀] of the biological activity of Murine IL-4 (5 ng/ml), a concentration of 0.78-1.16 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 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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Murine IL-4 Antibody - Images