

Anti-Murine IL-6 Antibody
Catalog # ABG10292**Specification****Anti-Murine IL-6 Antibody - Product Information**

Application	WB, IHC, E
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal

Anti-Murine IL-6 Antibody - Additional Information**Preparation**

Produced from sera of rabbits pre-immunized with highly pure recombinant Murine IL-6. Anti-Murine IL-6 specific antibody was purified by affinity chromatography employing immobilized Murine IL-6 matrix.

WesternBlot

To detect Murine IL-6 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-6 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

Sandwich

To detect Murine IL-6 by sandwich ELISA (using 100µl/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-6 (61-006BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Murine IL-6.

Immunohistochemistry

This antibody stained colchicine injected mouse brain (cingulate cortex) tissue. The primary antibody was incubated at 0.5 µg/ml overnight at 4°C. This was followed by a peroxidase conjugated secondary antibody and then a fluorescein Tyramide Signal Amplification (TSA™) reagent. Optimal concentrations and conditions may vary.
Information and photo are courtesy of the Tissue Profiling group, SciLifeLab Stockholm.

Neutralization

To yield one-half maximal inhibition [**ND**₅₀] of the biological activity of Murine IL-6 (3 pg/ml), a concentration of 0.24-0.36 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-6 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Murine IL-6 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-6 Antibody - Images