

Anti-Murine IL-1 α Antibody
Catalog # ABG10236**Specification**

Anti-Murine IL-1 α Antibody - Product Information

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

Anti-Murine IL-1 α Antibody - Additional Information**Preparation**

Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant mIL-1 α . Anti-Murine IL-1 α specific antibody was purified by affinity chromatography employing immobilized mIL-1 α matrix.

WesternBlot

To detect mIL-1 α 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 mIL-1 α is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

Sandwich

To detect mIL-1 α 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's Biotinylated Anti-Murine IL-1 α (61-001ABT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant mIL-1 α .

Immunohistochemistry

This antibody stained colchicine injected mouse brain (including the hippocampal fissure) tissue. The primary antibody was incubated at 1.0 mg/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.

Neutralization

To yield one-half maximal inhibition [**ND**">₅₀] of the biological activity of mIL-1 α (0.05 ng/ml), a concentration of 0.03- 0.05 μ 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-1 α Antibody is for research use only and not for use in diagnostic or therapeutic

procedures.

Anti-Murine IL-1 α 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-1 α Antibody - Images