10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-Murine TNF-α Antibody
Catalog # ABG10548

Specification

Anti-Murine TNF-α Antibody - Product Information

Application	**WB, IHC, E**
Reactivity	**Mouse**
Host	**Goat**
Clonality	**Polyclonal**

Anti-Murine TNF-α Antibody - Additional Information

Preparation
Produced from sera of goats pre-immunized with highly pure recombinant Murine TNF-α. Anti-Murine TNF-α specific antibody was purified by affinity chromatography employing immobilized Murine TNF-α matrix.

WesternBlot
To detect Murine TNF-α 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 TNF-α is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

Sandwich
To detect Murine TNF-α 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' Biotinylated Anti-Murine TNF-α (61-124GBT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Murine TNF-α.

Immunohistochemistry
This antibody stained colchicine injected mouse brain (hippocampus CA1 region) tissue. The primary antibody was incubated at 1.0 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 [ND₅₀] of the biological activity of Murine TNF-α (0.25 ng/ml), a concentration of 0.05-0.08 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 TNF-α Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Murine TNF-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 Cytomety
- Cell Culture

Anti-Murine TNF-α Antibody - Images