

Anti-Murine TNF- α Antibody

Catalog # ABG10548

Product Information

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

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 μ g/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 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 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 [ND ₅₀] of the biological activity of Murine TNF- α (0.25 ng/ml), a concentration of 0.05-0.08 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 TNF- α Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.