

Anti-Mouse TNFalpha In Vivo Antibody - Low Endotoxin

IVMB0007

Description

This Anti-Mouse TNFalpha In Vivo Antibody - Low Endotoxin is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	IVMB0007
Contents:	1mg, 5mg, 25mg, 50mg, 100mg Bradford Reagent: 1 vial (2ml)
Synonyms:	Tumor Necrosis Factor Ligand Superfamily Member 2 (TNFSF2), Cachectin, Differentiation-Inducing Factor (DIF), Necrosin, Cytotoxin
Category:	Monoclonal Antibody
Target:	TNF- α
Clone:	TN3-19.12
Isotype:	IgG
Applications:	In Vivo IP N WB
Specificity:	Armenian Hamster Anti-Mouse TNFa (Clone TN3-19.12) recognizes Mouse TNFa. This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Antibody Data

Reactivity:	Mouse
Host species:	Armenian Hamster
Expression Host:	-

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

- Immunogen:** Recombinant Mouse TNF α
- Product concentration:** ≥ 5.0 mg/ml
- Endotoxin Level:** < 1.0 EU/mg as determined by the LAL method
- Purity:** $\geq 95\%$ Monomer by analytical SEC, $> 95\%$ by SDS Page
- Formulation:** This monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added. Due to inherent biochemical properties of antibodies, certain products may be prone to precipitation over time. Precipitation may be removed by aseptic centrifugation and/or filtration.

Preparation & Storage

- Storage:** Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at $\leq -70^\circ\text{C}$. Avoid Repeated Freeze Thaw Cycles.
Store Bradford Reagent at Room Temperature for 1 Year.
- Shipping:** Next Day 2-8°C
- Preparation:** Functional grade preclinical antibodies are manufactured in an animal free facility using in vitro cell culture techniques and are purified by a multi-step process including the use of protein A or G to assure extremely low levels of endotoxins, leachable protein A or aggregates.
- Recommended Dilution Buffer:** In vivo Antibody Diluent pH 7.2

Recommended Usage:	Application	Recommended Usage
	ELISA	Each lot of this antibody is quality control tested by ELISA assay. For use of this antibody as a capture, a concentration range of 2 - 6 $\mu\text{g/ml}$ is recommended. To obtain a linear standard curve, serial dilutions of mouse TNF- α recombinant protein ranging from 500 to 4 pg/ml are recommended for each ELISA plate. It is recommended that the reagent be

	titrated for optimal performance for each application.
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**Protein
Quantification
(Optional):**

To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol