



DATA SHEET

Brilliant Violet 650 anti-mouse TNF- α Antibody

Code Number#KT91-506333

Pack Size: 50 μ g

Clone: MP6-XT22

Isotype: Rat IgG1, κ

Description: TNF- α is secreted by macrophages, monocytes, neutrophils, T-cells (principally CD4+), and NK-cells. Many transformed cell lines also secrete TNF- α . Monomeric mouse TNF- α is a 156 amino acid protein (N-glycosylated) with a reported molecular weight of 17.5 kD. TNF- α forms multimeric complexes; stable trimers are most common in solution. A 26 kD membrane form of TNF- α has also been described. TNF- α binding to surface receptors elicits a wide array of biologic activities including: cytolysis and cytostasis of many tumor cell lines in vitro, hemorrhagic necrosis of tumors in vivo, increased fibroblast proliferation, and enhanced chemotaxis and phagocytosis in neutrophils.

Reactivity: Mouse

Antibody Type: Monoclonal

Host Species: Rat

Immunogen: E. coli-expressed, recombinant mouse TNF- α

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and BSA (origin USA).

Preparation: The antibody was purified by affinity chromatography and conjugated with Brilliant Violet 650 under optimal conditions.

Concentration: 0.2 mg/ml

Storage & Handling: The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.

Application: ICFC - Quality tested

Recommended Usage: Each lot of this antibody is quality control tested by intracellular immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤ 0.5 μ g per million cells in 100 μ l volume. It is recommended that the reagent be titrated for optimal performance for each application.

For In-Vitro Diagnostic Use. Not For Human Or Animal Consumption

Not for resale.

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