

Product datasheet for **AM32018BT-N**

TNF alpha (TNF) Mouse Monoclonal Antibody [Clone ID: T3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	T3
Applications:	IP, WB
Recommended Dilution:	Western blotting: Use 1/10 as a starting dilution. Flow Cytometry: Use 1/10 as a starting dilution. Immuno Assays. Immunoprecipitation.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	The antibody reacts with free soluble (17 kDa) and membrane (26 kDa) Human TNF-alpha. The antibody inhibits the biological activity of soluble and membrane TNF-alpha. The antibody can be a useful tool to discriminate between receptor bound soluble (17 kDa) and the membrane (26 kDa) form of TNF-alpha. For this purpose we recommend to use this antibody in combination with the anti-TNF-alpha antibody <i>Cat.-No AM32017 clone T1</i> , which recognizes only soluble and membrane TNF-alpha, but not the receptor bound TNF-alpha.
Formulation:	Label: Biotin State: Purified State: Liquid (0.2 µm filtered) Ig fraction Stabilizer: 0.1% BSA Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Conjugation:	Biotin
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	tumor necrosis factor
Database Link:	Entrez Gene 7124 Human P01375



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Background:

Tumor necrosis factor (TNF, cachexin or cachectin and formally known as tumor necrosis factor alpha) is a cytokine involved in systemic inflammation and is a member of a group of cytokines that all stimulate the acute phase reaction. TNF causes apoptotic cell death, cellular proliferation, differentiation, inflammation, tumorigenesis, and viral replication. TNF's primary role is in the regulation of immune cells. Dysregulation and, in particular, overproduction of TNF have been implicated in a variety of human diseases, as well as cancer.

Synonyms:

TNF, TNF-a, TNFA, TNFSF2, Cachectin