

## Product datasheet for **AM31354AF-N**

### TNF alpha (TNF) Mouse Monoclonal Antibody [Clone ID: B-C7]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	B-C7
Applications:	FN
Recommended Dilution:	<b>Functional Assay:</b> Blocks TNF-a induced cytotoxicity on U937 cells.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant Human TNF-alpha
Specificity:	Recognises both natural and recombinant Human TNF-alpha It recognises TNF-alpha bound on its receptor.
Formulation:	PBS, Sterile-filtered through 0.22 µm and treated to remove endotoxins. Carrier and preservative free State: Azide Free State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	Ion Exchange Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C. <b>DO NOT FREEZE!</b>
Stability:	Shelf life: one year from despatch.
Gene Name:	tumor necrosis factor
Database Link:	<a href="#">Entrez Gene 7124 Human P01375</a>
Synonyms:	TNF, TNF-a, TNFA, TNFSF2, Cachectin
Protein Families:	Druggable Genome, Secreted Protein, Transcription Factors, Transmembrane



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**Protein Pathways:**

Adipocytokine signaling pathway, Allograft rejection, Alzheimer's disease, Amyotrophic lateral sclerosis (ALS), Apoptosis, Asthma, Cytokine-cytokine receptor interaction, Dilated cardiomyopathy, Fc epsilon RI signaling pathway, Graft-versus-host disease, Hematopoietic cell lineage, Hypertrophic cardiomyopathy (HCM), MAPK signaling pathway, Natural killer cell mediated cytotoxicity, NOD-like receptor signaling pathway, RIG-I-like receptor signaling pathway, Systemic lupus erythematosus, T cell receptor signaling pathway, TGF-beta signaling pathway, Toll-like receptor signaling pathway, Type I diabetes mellitus, Type II diabetes mellitus