

## Product datasheet for **AM31355RP-N**

### TNF alpha (TNF) Mouse Monoclonal Antibody [Clone ID: B-D9]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	B-D9
Applications:	FC
Recommended Dilution:	<b>Intra-cytoplasmic Flow Cytometry:</b> Use 10 µl of antibody to label 5x10e5 cells.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant Human TNF-alpha.
Specificity:	Recognises both natural and recombinant TNF-alpha.
Formulation:	PBS containing 5% BSA and 0.09% Sodium Azide Label: PE State: Lyophilized purified IgG fraction
Reconstitution Method:	Restore with 1 ml deionized water
Purification:	Ion Exchange Chromatography
Conjugation:	PE
Storage:	Store the antibody undiluted at 2-8°C after reconstitution. <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