

Product datasheet for **TA352747**

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	B-C7
Recommended Dilution:	ELISA, Intracellular staining, Immunohistochemistry, Neutralization assay
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	TNF-alpha
Formulation:	Prior to lyophilization: 0.5 ml PBS + 125 mM trehalose.
Concentration:	lot specific
Purification:	Ion exchange chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	25.5 kDa
Gene Name:	tumor necrosis factor
Database Link:	NP_000585 Entrez Gene 7124 Human P01375
Background:	The monoclonal antibody to human TNF-alpha (clone B-C7) has shown to be suitable for intracellular staining (Birebent B. et al. 1998) and neutralization assays (Hamacher J. et al. 2002 and van Hensbroek M.B. et al. 1996). B-C7 antibody recognizes both natural and recombinant human TNF-alpha and can be used in ELISA (Robinet E. et al. 1997) and immunohistochemistry (Voorzanger N. et al. 1996).
Synonyms:	DIF; TNF-alpha; TNFA; TNFSF2
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