

Product datasheet for **CF807821**

TNF alpha (TNF) Mouse Monoclonal Antibody [Clone ID: OTI5A11]

Product data:

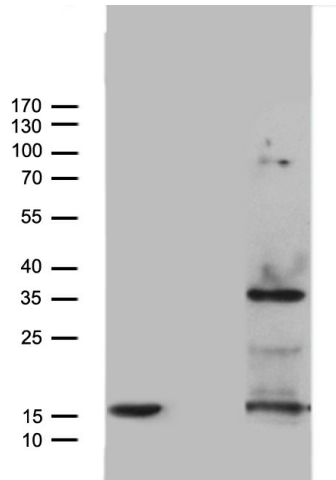
Product Type:	Primary Antibodies
Clone Name:	OTI5A11
Applications:	IF, WB
Recommended Dilution:	WB 1:2000, IF 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human TNFA (NP_000585) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
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
Synonyms:	DIF; TNF-alpha; TNFA; TNFSF2
Protein Families:	Druggable Genome, Secreted Protein, Transcription Factors, Transmembrane



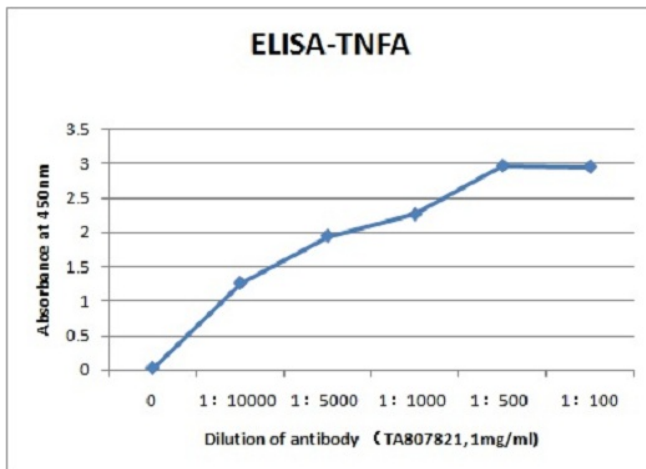
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Protein Pathways:

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

Product images:


HEK293T cells were transfected with the pCMV6-ENTRY control (middle lane) or pCMV6-ENTRY TNFA ([RC206983], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) and Origene recombinant TNFA protein [TP750007] (0.6ug, left lane) were separated by SDS-PAGE and immunoblotted with anti-TNFA (1:2000). Positive lysates [LY424626] (100ug) and [LC424626] (20ug) can be purchased separately from OriGene.



ELISA analysis of anti-TNFA antibody. 96-well plate was coated with Origene recombinant protein TNFa ([TP750007]) and primary antibody dilution ranges from 1:100 to 1:10000 ([TA807821], 1mg/ml).