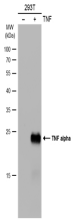
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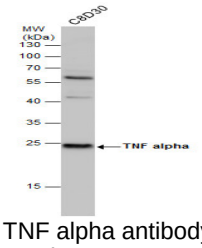
Product Datasheet

TNF alpha antibody
GRP45

Description	This gene encodes a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily. This cytokine is mainly secreted by macrophages. It can bind to, and thus functions through its receptors TNFRSF1A/TNFR1 and TNFRSF1B/TNFBR. This cytokine is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. This cytokine has been implicated in a variety of diseases, including autoimmune diseases, insulin resistance, and cancer. Knockout studies in mice also suggested the neuroprotective function of this cytokine. [provided by RefSeq]
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine
Conjugation	Unconjugated
Tested Applications	ICC, IF, IHC-P, WB
Immunogen	Full length human TNF alpha Recombinant protein.
Form/Appearance	Liquid: 1XPBS, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
Concentration	0.04 mg/ml
Storage	Store as concentrated solution. Centrifuge briefly prior to openin vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Note	For research use only.
Isotype	IgG
Clonality	Polyclonal
Purity	Purified by antigen-affinity chromatography.
Uniprot ID	P01375
Entrez	7124
Dilution Range	WB: 1:500-1:3000,ICC: 1:100-1:1000,IHC-P: 1:100-1:1000



Non-transfected (â€“) and transfected (+) 293T whole cell extracts (30 ?g) were separated by 12% SDS-PAGE, and the membrane was blotted with TNF alpha antibody (GRP497) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect



TNF alpha antibody detects TNF alpha protein by western blot analysis. Whole cell extracts (30 ?g) was separated by 12% SDS-PAGE, and the membrane was blotted with TNF alpha antibody (GRP497) diluted at 1:500. The HRP-conjugated