

## TNF alpha Ab

[Images\(1\)](#)

Cat.#: DF6080	Concn.: ~1mg/ml	Mol.Wt.: 26kDa
Size:	Source: Rabbit	Clonality: Polyclonal
Application:	WB 1:1000-1:2000, IHC 1:50-1:100 *The optimal dilutions should be determined by the end user.	
Reactivity:	Human,Mouse,Rat	
Storage:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.	
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).	
Immunogen:	A synthesized peptide derived from human TNF alpha, corresponding to a region within the internal amino acids.	
Uniprot:	P01375	
Description:	TNF- $\alpha$ , the prototypical member of the TNF protein superfamily, is a homotrimeric type-II membrane protein (1,2). Membrane-bound TNF- $\alpha$ is cleaved by the metalloprotease TACE/ADAM17 to generate a soluble homotrimer . Both membrane and soluble forms of TNF- $\alpha$ are biologically active. TNF- $\alpha$ is produced by a variety of immune cells including T cells, B cells, NK cells, and macrophages . Cellular response to TNF- $\alpha$ is mediated through interaction with receptors TNF-R1 and TNF-R2 and results in activation of pathways that favor both cell survival and apoptosis depending on the cell type and biological context.	

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

For Research Use Only. Not for use in diagnostic and therapeutic procedures. Not for resale without express authorization.