Product **Datasheet**

Anti-TNFα Rabbit pAb

WL01581

For Research Use Only.Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-TNFα Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:100-1:500
Molecular Wt.	TNFα（transmembrane）: 17-26 kDa	
Cellular localization	Cell membrane, Membrane, Secreted	
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background

TNF-α is an important cytokine produced by numerous cell types including neutrophils, activated lymphoctyes, macrophages and NK cells. It plays a critical role in inflammatory responses and in apoptosis. The two receptors for TNF-α, TNF-R1 and TNF-R2 can mediate distinct cellular responses. In most cases cytotoxicity elicited by TNF has been reported to act throught TNF-R1. In contrast, TNF-R2 appears to be important in T cell signaling and responses to infection. TNF-R2 to distinct members of the TRAF family leading to the activation of NF-κB. Soluble forms of both receptors have also been characterized which can bind TNF-α and may play an important role in immune disorders.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of TNFα.

Purification

Polyclonal antibody was purified by Protein A affinity chromatography.

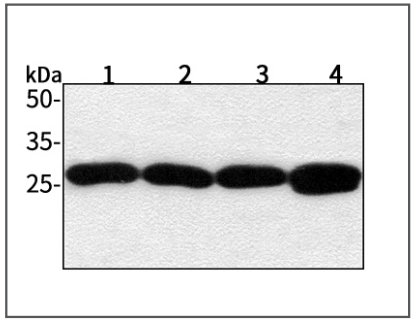
Product **Datasheet**

Anti-TNFα Rabbit pAb

WL01581

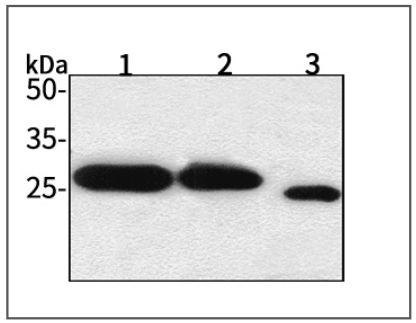
For Research Use Only.Not For Use In Diagnostic Procedures

Product Images



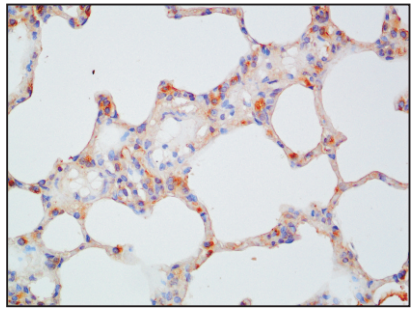
Western blot-Anti-TNFα pAb

Lane 1: Human Hela cell lysate 30μg
Lane 2: Human BGC-823 cell lysate 30μg
Lane 3: Human MGC-803 cell lysate 30μg
Lane 4: Human SGC-7901 cell lysate 30μg
Separation gel: 13% polyacrylamide
Electrophoresis: 100V, 4°C, 3h
Transmembrane: 100V, 4°C, 1h
Blocking: 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking
Primary antibody: 1:1000 in blocking buffer, 4°C, overnight
Visualization: ECL, 30s-2min



Western blot-Anti-TNFα pAb

Lane 1: Mouse kidney tissue lysate 30μg
Lane 2: Mouse heart tissue lysate 30μg
Lane 3: Rat liver tissue lysate 30μg
Separation gel: 13% polyacrylamide
Electrophoresis: 100V, 4°C, 3h
Transmembrane: 100V, 4°C, 1h
Blocking: 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking
Primary antibody: 1:1000 in blocking buffer, 4°C, overnight
Visualization: ECL, 30s-2min



Immunohistochemistry-Anti-TNFα pAb

Immunohistochemical analysis of paraffin-embedded rat lung using anti-TNFα Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

Wanleibio Co.,Ltd. *400-602-0407* *sales@wanleibio.com* *www.wanleibio.com*