Product **Datasheet**

Anti-TNF-R1 Rabbit pAb

WL01414

For Research Use Only.Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-TNF-R1 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC	1:50-1:300
Molecular Wt.	TNF Receptor I: 55 kDa	
	soluble TNF Receptor I: 28 kDa	
Cellular localization	Cell membrane, Golgi apparatus, 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. TNF-R1 shares a motif coined the “death domain” with FAS and three structurally unrelated signaling proteins, TRADD, FADD and RIP. This “death domain” is required for transduction of the apoptotic signal .

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of TNF-R1.

Purification

Polyclonal antibody was purified by immunogen affinity chromatography.

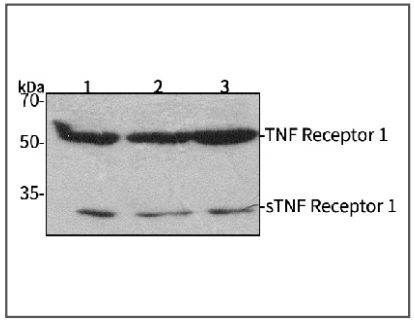
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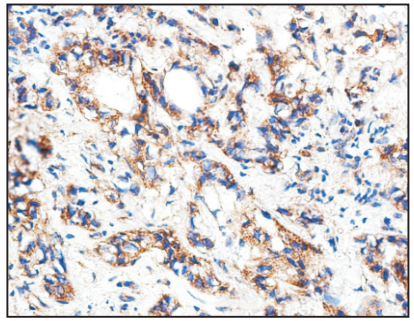
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Product Images



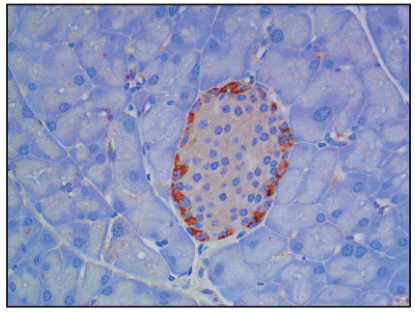
Western blot-Anti-TNF-R1 pAb

Lane 1: Human Hela cell lysate 20μg
Lane 2: Human MCF-7 cell lysate 20μg
Lane 3: Human HEK293 cell lysate 20μg
Separation gel: 10% 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-TNF-R1 pAb

Immunohistochemical analysis of paraffin-embedded human breast cancer using anti-TNF-R1 Rabbit Antibody at 1:300 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-TNF-R1 pAb

Immunohistochemical analysis of paraffin-embedded mouse pancreas using anti-TNF-R1 Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

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