

	<h1>TNF-α Rabbit pAb</h1>	E 2 5 1 0 7 3 2
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Swiss-Prot No.:	P01375
Altername:	TNF
Storage/Stability:	Store at -20°C. Avoid freeze / thaw cycles.
Immunogen:	A synthetic peptide of human TNF
Purification:	Affinity purified
Reactivity:	Human,Mouse,Rat
Other Names:	DIF; TNFA; TNFSF2; TNLG1F; TNF-alpha
Cellular localization:	Cell membrane, Membrane, Secreted
Relevance:	Cytokine that binds to TNFRSF1A/TNFR1 and TNFRSF1B/TNFR. It is mainly secreted by macrophages and can induce cell death of certain tumor cell lines. It is potent pyrogen causing fever by direct action or by stimulation of interleukin-1 secretion and is implicated in the induction of cachexia, Under certain conditions it can stimulate cell proliferation and induce cell differentiation. Impairs regulatory T-cells (Treg) function in individuals with rheumatoid arthritis via FOXP3 dephosphorylation. Upregulates the expression of protein phosphatase 1 (PP1), which dephosphorylates the key 'Ser-418' residue of FOXP3, thereby inactivating FOXP3 and rendering Treg cells functionally defective (PubMed:23396208). Key mediator of cell death in the

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	anticancer action of BCG-stimulated neutrophils in combination with DIABLO/SMAC mimetic in the RT4v6 bladder cancer cell line (PubMed:22517918).
Source:	Rabbit
Antibody type:	Polyclonal antibody
Isotype:	Rabbit IgG
Molecular Weight:	21kDa
Preservative:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Recommended Dilutions:	WB 1:1000 - 1:2000; IHC 1:50 - 1:100; IF 1:50 - 1:100(Optimal dilutions should be determined by the end user)