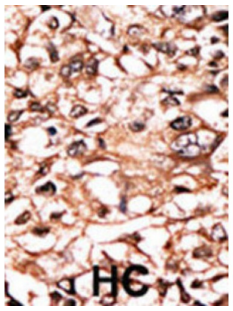
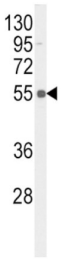
TNFR (pS274) Antibody

Catalogue No.:abx031924





A member of the TNF-receptor superfamily, this protein is one of the major receptors for the tumor necrosis factor-alpha. This receptor can activate NF-kappaB, mediate apoptosis, and function as a regulator of inflammation. Antiapoptotic protein BCL2-associated athanogene 4 (BAG4/SODD) and adaptor proteins TRADD and TRAF2 have been shown to interact with this receptor, and thus play regulatory roles in the signal transduction mediated by the receptor. Germline mutations of the extracellular domains of this receptor were found to be associated with the autosomal dominant periodic fever syndrome. The impaired receptor clearance is thought to be a mechanism of the disease.

Target:	TNFR (pS274)
Clonality:	Polyclonal
Target Modification:	Ser274
Modification:	Phosphorylation
Reactivity:	Human
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit
Recommended dilutions:	WB: 1/1000, IHC-P: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated

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Immunogen:	KLH-conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S274 of human TNFR.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by protein G affinity chromatography. Then, the antibody fraction was peptide affinity purified in a 2-step procedure with control and phosphorylated peptides. The phospho-specific antibody was eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P19438 (UniProt, ExPASy)
Gene Symbol:	TNFRSF1A
GeneID:	7132
OMIM:	142680
HGNC:	11916
KEGG:	hsa:7132
Ensembl:	ENSG00000067182
String:	9606.ENSP00000162749
Molecular Weight:	Calculated MW: 50.5 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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