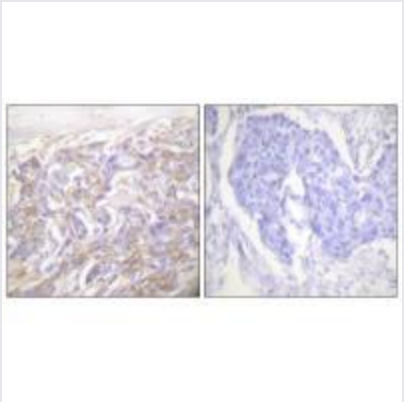
Receptor-1 (TNF) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TNF Receptor-1, Polyclonal Antibody
Full Product Name	TNF Receptor-1 Antibody
Product Gene Name	anti-TNF antibody
Product Synonym Names	CD120a; TBPI; TNF-RI; TNFAR; TNFR1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1.0 mg/ml (lot specific)
Specificity	The antibody detects endogenous levels of total TNF receptor-1 protein.
Preparation and Storage	Store at -20 degree C
Molecular Weight	24,194 Da
OMIM	142680
3D Structure	ModBase 3D Structure for P19438
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from Internal of human TNF receptor-1.
Target Name	TNF Receptor-1
Product Categories/Family for anti-TNF antibody	Total protein Ab
Applications Tested/Suitable for anti-TNF antibody	Immunohistochemistry (IHC)
Application Notes for anti-TNF antibody	Immunohistochemistry: 1:50~1:100
Related Product Information for anti-TNF antibody	Receptor for TNFSF2/TNF-alpha and homotrimeric TNFSF1/lymphotoxin-alpha. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Contributes to the induction of non-cytocidal TNF effects including anti-viral state and activation of the acid sphingomyelinase.Jennifer Adjodha, AACR Meeting Abstracts, Apr 2006; 2006: 1028. Kewu Huang, J Appl Physiol, Apr 2007; 102: 1632 - 1639. Kiyoshi Asada, AACR Meeting Abstracts, Apr 2005; 2005: 202. Elaine K Green, J. Med. Genet., Aug 2000; 37: 581.
Other Notes	Small volumes of anti-TNF antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TNF purchase	MBS9413548 is an antibody targeting TNF. Also known as TNF Receptor-1 Antibody. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-TNF antibody
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using TNF receptor-1 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TNF. It may not necessarily be applicable to this product.

NCBI GI #	4507575
NCBI GeneID	7132
NCBI Accession #	NP_001056.1
UniProt Primary Accession #	P19438
UniProt Secondary Accession #	Q9UCA4; A8K4X3; B2RDE4; B3KPQ1; B4DQB7; B4E309; B5M0B5; D3DUR1
UniProt Related Accession #	P19438
GenBank Nucleotide #	NM_001065.3
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 1A
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 1A
NCBI Official Symbol	TNFRSF1A
NCBI Official Synonym Symbols	FPF; MS5; p55; p60; TBP1; TNF-R; TNFAR; TNFR1; p55-R; CD120a; TNFR55; TNFR60; TNF-R-I; TNF-R55; TNFR1-d2
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 1A
UniProt Synonym Protein Names	Tumor necrosis factor receptor 1; TNF-R1
Protein Family	Tumor necrosis factor
UniProt Gene Name	TNFRSF1A
UniProt Synonym Gene Names	TNFAR; TNFR1; TNF-R1; TNF-RI; TNFR-I; TBPI
UniProt Entry Name	TNR1A_HUMAN
NCBI Protein Information	tumor necrosis factor receptor superfamily member 1A
NCBI Summary for TNF	The protein encoded by this gene is 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. [provided by RefSeq, Jul 2008]

UniProt Comments for TNF	Receptor for TNFSF2/TNF-alpha and homotrimeric TNFSF1/lymphotoxin-alpha. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Contributes to the induction of non-cytocidal TNF effects including anti-viral state and activation of the acid sphingomyelinase.
Research Articles on TNF	**1.** sTNFR1 is associated with increased total mortality due to cancer and cardiovascular causes
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