

Mouse TNFR1 Monoclonal Antibody | anti-TNFR1 antibody

TNFR1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268461	Mouse	Human, Mouse, Rat	Immunohistochemistry, Immunofluorescence, Immunoprecipitation, Western Blot

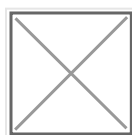
PRODUCT SYNONYMS

TNFR1; Monoclonal Antibody; Tumor necrosis factor receptor 1; anti-TNFR1 antibody

PRODUCT SPECIFICATIONS

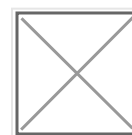
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	2G2
Purity/Purification	Immunogen affinity purified
Form/Format	1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.
Sequence Length	455
Applicable Applications for anti-TNFR1 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Amino acids 30-301 mapping within the extracellular domain of TNF-R1 of human origin.
Positive Control	Hela, MCF7, U-937, human small intestine tissue
Subcellular Location	Secreted, Golgi apparatus membrane Cell membrane
Preparation and Storage	Store at 4 degrees C for short term, store at -20 degrees C for long term. Avoid multiple thaw/freeze

IMAGES



Application Data

Immunoperoxidase staining of formalin fixed, paraffin embedded human small intestine tissue showing cytoplasmic staining of glandular cells.



WB (Western Blot)

Western blot analysis of TNF-R1 expression in MCF7 (A), HeLa (B) and U-937 (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-TNFR1 antibody

Tumor necrosis factor (TNF) is a pleiotropic cytokine whose function is mediated through two distinct cell surface receptors. These receptors, designated TNF-R1 and TNF-R2 are expressed on most cell types. The majority of TNF functions are primarily mediated through TNF-R1, while signaling through TNF-R2 occurs less extensively and is confined to cells of the immune system. Both of these proteins belong to the growing TNF and nerve growth factor (NGF) receptor superfamily, which includes FAS, CD30, CD27 and CD40. The members of this superfamily are type I membrane proteins that share sequence homology confined to the extracellular region. 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507575
NCBI GeneID	7132
NCBI Accession #	NP_001056.1
NCBI GenBank Nucleotide #	NM_001065.3
UniProt Accession #	P19438; Q9UCA4; A8K4X3; B2RDE4; B3KPQ1; B4DQB7; B4E309; B5M0B5; D3DUR1
Molecular Weight	55 kDa
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 1A isoform 1
NCBI Official Synonym Full Names	TNF receptor superfamily member 1A
NCBI Official Symbol	TNFRSF1A
NCBI Official Synonym Symbols	FPF; p55; p60; TBP1; TNF-R; TNFAR; TNFR1; p55-R; CD120a; TNFR55; TNFR60; TNF-R-I; TNF-R55
NCBI Protein Information	tumor necrosis factor receptor superfamily member 1A
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 1A
UniProt Gene Name	TNFRSF1A
UniProt Synonym Gene Names	TNFAR; TNFR1; TNF-R1; TNF-R-I; TNFR-I; TBPI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/tnfr1-antibody-clone-2g2-immunohistochemistry-immunofluorescence-immunoprecipitation-western-blot-elisa/268461>