Product Datasheet

TNF Receptor II Rabbit mAb

Catalog No: #49476

Package Size: #49476-1 50ul #49476-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

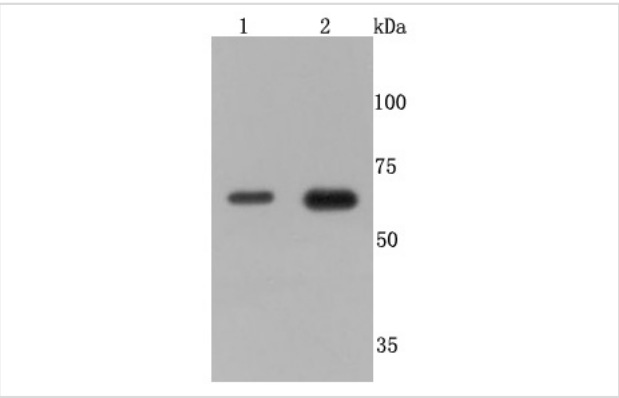
Description

Product Name	TNF Receptor II Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SR4542
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, FC, IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	CD120b antibody p75 antibody p75 TNF receptor antibody p75TNFR antibody p80 TNF alpha receptor antibody p80 TNF-alpha receptor antibody Soluble TNFR1B variant 1 antibody TBP-2 antibody TBPII antibody TNF R II antibody TNF R2 antibody TNF R75 antibody TNF-R2 antibody TNF-RII antibody TNFBR antibody TNFR-II antibody TNFR1B antibody TNFR2 antibody TNFR80 antibody TNFRII antibody Tnfrsf1b antibody TNR1B_HUMAN antibody Tumor necrosis factor beta receptor antibody Tumor necrosis factor receptor 2 antibody Tumor necrosis factor receptor superfamily member 1B antibody Tumor necrosis factor receptor type II antibody Tumor necrosis factor-binding protein 2 antibody
Accession No.	Swiss-Prot#:P20333
Uniprot	P20333
GeneID	7133;
Calculated MW	73 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

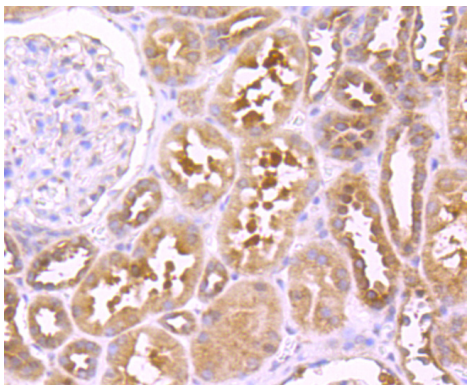
Application Details

WB: 1:500-1:2,000 IHC: 1:50-1:200 ICC: 1:50-1:200IP: 1:10-1:50FC: 1:50-1:100

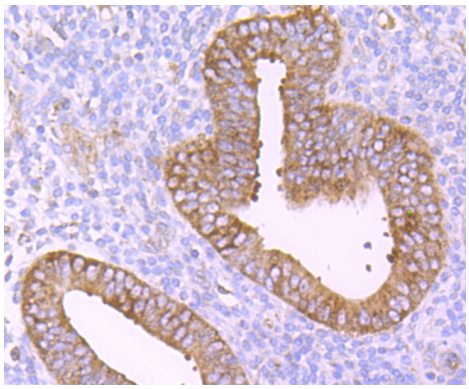
Images



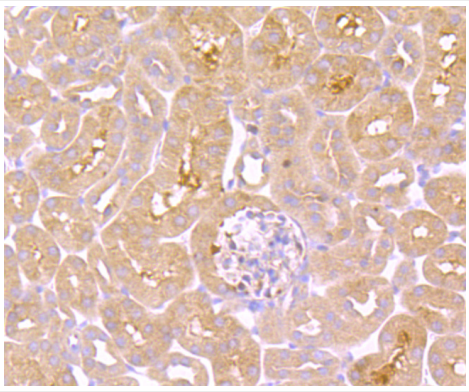
Western blot analysis of TNF Receptor II on different cells lysates using anti-TNF Receptor II antibody at 1/500 dilution.
Positive controloΩ½oΩ½
Line 1: MCF-7
Line 2: Jurkat



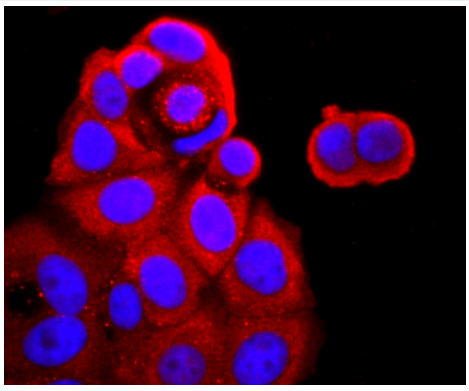
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-TNF Receptor II antibody. Counter stained with hematoxylin.



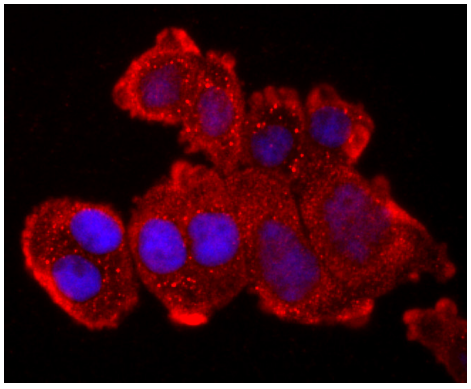
Immunohistochemical analysis of paraffin-embedded human uterus tissue using anti-TNF Receptor II antibody. Counter stained with hematoxylin.



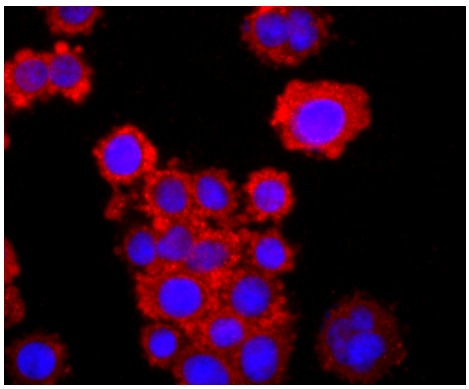
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue anti-TNF Receptor II antibody. Counter stained with hematoxylin.



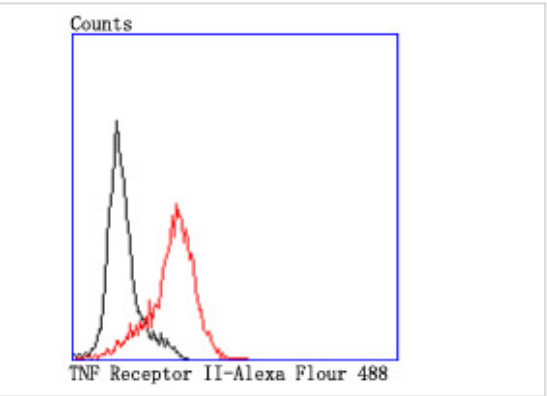
ICC staining TNF Receptor II in MCF-7 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining TNF Receptor II in Hela cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining TNF Receptor II in SW480 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of HL-60 cells with TNF Receptor II antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.

Background

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 termed the "death domain" with FAS and three structurally unrelated signaling proteins, TRADD, FADD and RIP (1,3-8). This death domain is required for transduction of the apoptotic signal.

References

Note: This product is for in vitro research use only