



TNF-R2 Rabbit mAb

Catalog No	YP-rAb-17004
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,IP,ELISA
Gene Name	TNFRSF1B
Protein Name	Tumor necrosis factor receptor superfamily member 1B
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:200-1:1000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; IP 1:50-1:200; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	TNFRSF1B ; TNFBR ; TNFR2 ; Tumor necrosis factor receptor superfamily member 1B ; Tumor necrosis factor receptor 2 ; TNF-R2 ; Tumor necrosis factor receptor type II ; TNF-RII ; TNFR-II ; p75 ; p80 TNF-alpha receptor ; CD antigen CD120b ; Etanercept
Observed Band	60kD
Calculated Molecular Weight	48kD
Cell Pathway	[Isoform 1]: Cell membrane; Single-pass type I membrane protein.; [Isoform 2]: Secreted.; [Tumor necrosis factor-binding protein 2]: Secreted.
Tissue Specificity	Muscle,PNS,Urine,
Function	Receptor with high affinity for TNFSF2/TNF-alpha and approximately 5-fold lower affinity for homotrimeric TNFSF1/lymphotoxin-alpha. The TRAF1/TRAF2 complex recruits the apoptotic suppressors BIRC2 and BIRC3 to TNFRSF1B/TNFR2. This receptor mediates most of the metabolic effects of TNF-alpha. Isoform 2 blocks TNF-alpha-induced apoptosis, which suggests that it regulates TNF-alpha function by antagonizing its biological activity.,online information:Clinical information on Enbrel,pharmaceutical:Available under the name Enbrel (Immunex and Wyeth-Ayerst). Used to treat moderate to severe rheumatoid arthritis (RA) . Enbrel consist of the extracellular ligand-binding portion of TNFRSF1B linked to





an immunoglobulin Fc chain. It binds to TNF-alpha and blocks its interactions with receptors.,PTM:A soluble form (tumor necrosis factor binding protein 2) is produced from the membrane form by proteolytic processing.,PTM:Phosphorylated; mainly on serine residues and with a very low level on threonine residues.,similarity:Contains 4 TNFR-Cys repeats.,subunit:Binds to TRAF2.,

Background

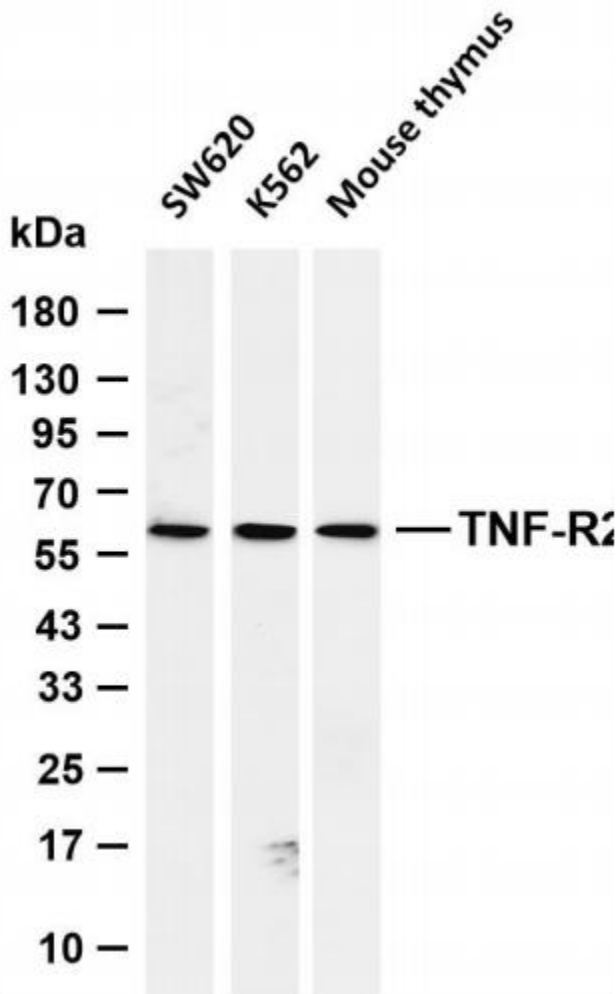
The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein and TNF-receptor 1 form a heterocomplex that mediates the recruitment of two anti-apoptotic proteins, c-IAP1 and c-IAP2, which possess E3 ubiquitin ligase activity. The function of IAPs in TNF-receptor signalling is unknown, however, c-IAP1 is thought to potentiate TNF-induced apoptosis by the ubiquitination and degradation of TNF-receptor-associated factor 2, which mediates anti-apoptotic signals. Knockout studies in mice also suggest a role of this protein in protecting neurons from apoptosis by stimulating antioxidative pathways. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

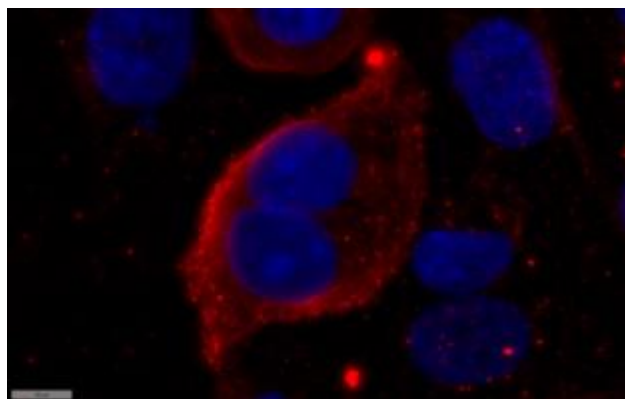
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-TNF-R2 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: SW620 Lane 2: K562 Lane 3: Mouse thymus Predicted band size: 48kDa Observed band size: 60kDa





Immunofluorescence analysis of SiHa cell. 1,primary Antibody was diluted at 1:100(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - AF594 Secondary antibody(catalog No:

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