Anti-TNF Receptor II Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R015037

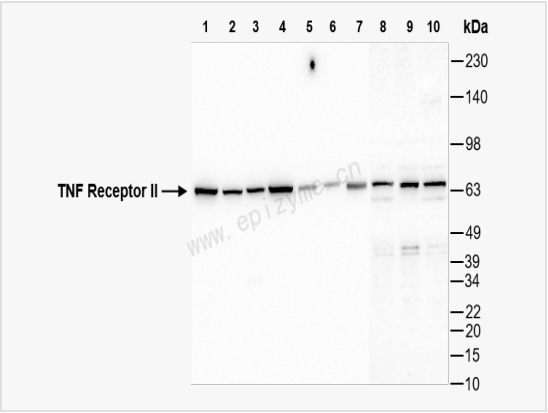
Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	78J39A45
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human TNF Receptor II
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-TNF Receptor II Rabbit mAb [78J39A45] is for research use only and not for use in diagnostic or therapeutic procedures.

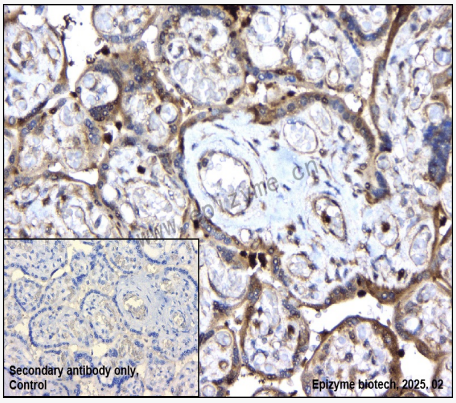
Protein Information

Synonyms	CD120b, p75, p75 TNF receptor, p75TNFR, p80 TNF alpha receptor, p80 TNF-alpha receptor, Soluble TNFR1B variant 1, TBP-2, TBPII, TNF R II, TNF R2, TNF R75, TNF-R2, TNF-RII, TNFBR, TNFR-II, TNFR1B, TNFR2, TNFR80, TNFRII, Tnfrsf1b, TNR1B_HUMAN, Tumor necrosis factor beta receptor, Tumor necrosis factor binding protein 2, Tumor necrosis factor receptor 2, Tumor necrosis factor receptor superfamily member 1B, Tumor necrosis factor receptor type II, Tumor necrosis factor-binding protein 2.
Calculated MW	Calculated MW: 48 kDa; Observed MW: 65 kDa
Uniprot ID	P20333
Gene ID	7133
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]
Cellular Location	Secreted and Cell membrane.

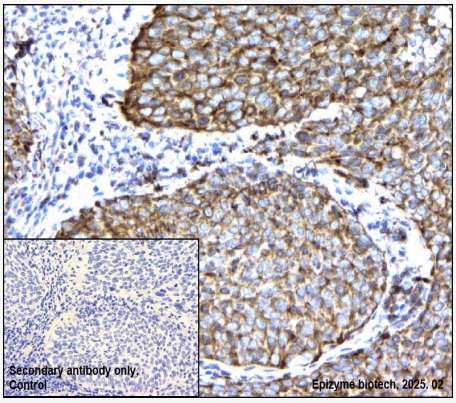
Validation Images



Western Blot - Anti-TNF Receptor II Rabbit mAb [78J39A45]
All lanes: R015037 at 1:1,000 dilution
Lane 1 : HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2 : HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 3 : HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 4 : SW620 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 5 : Caco2 (Human colorectal adenocarcinoma epithelial cell) whole cell lysates
Lane 6 : Jurkat (Human T lymphocytic leukemia cell) whole cell lysates
Lane 7 : 293T (Human embryonic kidney cell) whole cell lysates
Lane 8 : C2C12 (Mouse myoblasts epithelial cell) whole cell lysates
Lane 9 : Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates
Lane 10 : PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 48 kDa
Observed band size: 65 kDa
Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-TNF Receptor II Rabbit mAb [78J39A45]
Sample: Paraformaldehyde-fixed, paraffin embedded human placenta tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R015037 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-TNF Receptor II Rabbit mAb [78J39A45]
Sample: Paraformaldehyde-fixed, paraffin embedded human cervical cancer tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R015037 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.