

Datasheet for ABIN3029358
anti-TNFRSF10B antibody (C-Term)



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3 Images

Overview

Quantity:	100 µg
Target:	TNFRSF10B
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNFRSF10B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	An amino acid sequence from the C-terminus of human DR5/TRAIL R2 (DPTETLRQCFDDFADL) was used as the immunogen for this TRAIL R2 antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity

Target Details

Target:	TNFRSF10B
Alternative Name:	TRAIL R2 (DR5) (TNFRSF10B Products)
Background:	TNFRSF10B (Tumor necrosis factor receptor superfamily, member 10b) has many names, including DR5, CD262, KILLER, TRICK2, TRICKB, ZTNFR9, TRAILR2, TRICK2A, TRICK2B, TRAIL R2, KILLER/DR5. The protein encoded by this gene is a member of the TNF-receptor

Target Details

superfamily, and contains an intracellular death domain. This receptor can be activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL/APO-2L), and transduces apoptosis signal. Mice have a homologous gene, tnfrsf10b, that has been essential in the elucidation of the function of this gene in humans. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein. By analysis of radiation hybrid panels, Walczak et al.(1997) mapped the gene to chromosome 8p22-p21. Northern blot analysis indicated that TRAIL R2 was expressed as a 4.4-kb mRNA in all tissues tested, with the highest levels of expression in peripheral blood lymphocytes, spleen, and ovary.

UniProt: [O14763](#)

Pathways: [p53 Signaling](#), [Apoptosis](#), [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: The stated application concentrations are suggested starting points. Titration of the TRAIL R2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL

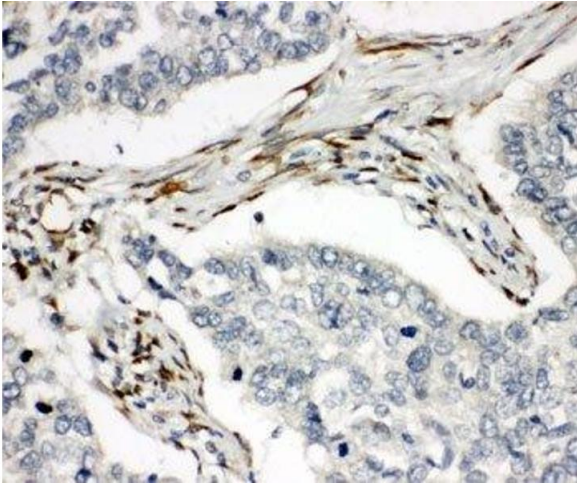
Restrictions: For Research Use only

Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

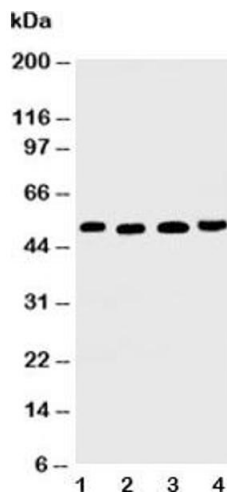
Storage: -20 °C

Storage Comment: After reconstitution, the TRAIL R2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.



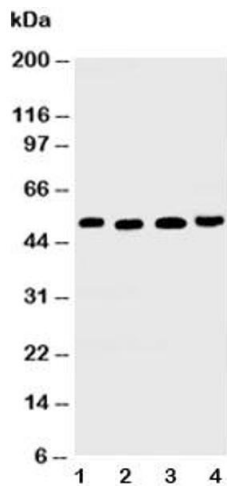
Immunohistochemistry

Image 1. IHC-P: TRAIL R2 antibody testing of human lung cancer tissue



Western Blotting

Image 2. Western blot testing of TRAIL R2 antibody and
Lane 1: HeLa; 2: MM231; 3: SGC; 4: HT1080 cell lysate



Western Blotting

Image 3. Western blot testing of TRAIL R2 antibody and
Lane 1: HeLa