

Anti-DcR1 (ED2) *TRAIL-R3, TRID, LIT*

CATALOG No.: PX055A

SIZE: 100 µg

PX055B

SIZE: 0.5 mg

BACKGROUND:

Apoptosis is induced by certain cytokines including TNF and Fas ligand in the TNF family through their death domain containing receptors. TRAIL/Apo2L is a new member of the TNF family and induces apoptosis of a variety of tumor cell lines. DR4 and DR5 are the recently identified functional receptors for TRAIL (1-3). Two decoy receptors for TRAIL have been identified and designated DcR1/TRID/TRAIL-R3/LIT (2-7) and DcR2/TRAIL-R4/TRUNDD (8-10). DcR1 has extracellular TRAIL-binding domain but lacks intracellular signaling domain. It is a glycopospholipid-anchored cell surface protein. DcR1 transcripts are expressed in many normal human tissues but not in most cancer cell lines (2,3). Overexpression of DcR1 did not induce apoptosis, but attenuated TRAIL-induced apoptosis (2,3).

SOURCE:

Rabbit anti-DcR1 (ED2) polyclonal antibody was raised against a peptide (CKEGTFRNENSPE) corresponding to amino acids 111 to 123 at extracellular domain of human DcR1 precursor (2-3).

APPLICATION:

This polyclonal antibody can be used for detection of DcR1 by Western blot at 0.5 to 1 µg/ml. HeLa cell lysate can be used as positive control and an approximate 65 kDa band can be detected (6). It is human, mouse, and rat reactive. For research use only.

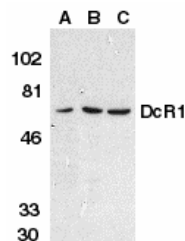
STORAGE:

It is supplied as chromatography purified IgG, 100 µg in 200 µl of PBS containing 0.02% sodium azide. Store at -20°C. Stable for one year at 2-8°C.

RELATED PRODUCTS:

Blocking peptide, 50 µg at 200 µg/ml, is available for competition studies.

HeLa cell lysate, 200 µg at 2 mg/ml, is available for positive control.



Western blot analysis of DcR1 in HeLa cell (A), mouse (B) and rat (C) liver tissue lysates with anti-DcR1 (ED2) at 1 µg/ml.

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CAUTION: NOT FOR USE IN HUMANS. FOR RESEARCH PURPOSES ONLY.



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