

Product datasheet for **TA306012**

DcR1 (TNFRSF10C) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, ICC, IF, WB
Recommended Dilution:	DcR1 antibody can be used for detection of DcR1 by Western blot 0.5 µg/mL. An approximate 65 kDa band can be detected. Antibody can also be used for immunocytochemistry starting at 10 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in human samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	DcR1 antibody was raised against a peptide corresponding to amino acids in a extracellular domain (ED) of human DcR1 precursor.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 µg/ul
Purification:	DcR1 Antibody is DEAE purified.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	tumor necrosis factor receptor superfamily member 10c
Database Link:	AF012536 Entrez Gene 8794 Human O14798



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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. Two decoy receptors for TRAIL have been identified and designated DcR1/TRID/TRAIL-R3/LIT and DcR2/TRAIL-R4/TRUNDD. DcR1 has extracellular TRAIL-binding domain but lacks intracellular signaling domain. It is a glycosphospholipid-anchored cell surface protein. DcR1 transcripts were expressed in many normal human tissues but not in most cancer cell lines. Overexpression of DcR1 did not induce apoptosis, but attenuated TRAIL-induced apoptosis.

Synonyms:

CD263; DCR1; DCR1-TNFR; LIT; TRAIL-R3; TRAILR3; TRID