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Datasheet for ABIN499722

anti-DcR1 antibody

2 Images

Overview

Quantity:	0.1 mg
Target:	DcR1 (TNFRSF10C)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DcR1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Human DcR1 Peptide
Isotype:	IgG
Specificity:	DcR1 antibody was raised against a peptide corresponding to amino acids in the extracellular domain of human DcR1 precursor.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	DcR1 (TNFRSF10C)
Alternative Name:	CD263 / TRAILR3 (TNFRSF10C Products)
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

Target Details

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. Overexpression of DcR1 did not induce apoptosis, but attenuated TRAIL-induced apoptosis. Synonyms: Antagonist decoy receptor for TRAIL/Apo-2L, DCR1, Decoy TRAIL receptor without death domain, Decoy receptor 1, LIT, Lymphocyte inhibitor of TRAIL, TNF-related apoptosis-inducing ligand receptor 3, TNFRSF10C, TRAIL receptor 3, TRAIL-R3, TRID, Trail receptor without an intracellular domain, Tumor necrosis factor receptor superfamily member 10C

Gene ID: 8794

UniProt: [O14798](#)

Pathways: [Apoptosis](#)

Application Details

Application Notes: ELISA. Western Blot: 0.5 to 1 µg/mL. An approximate 65 kDa band can be detected.
Immunofluorescence.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

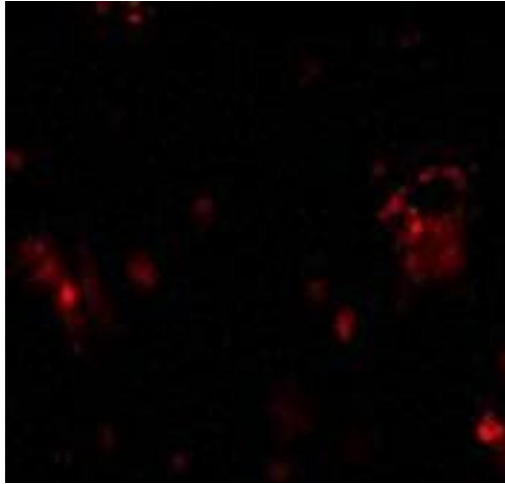
Buffer: PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

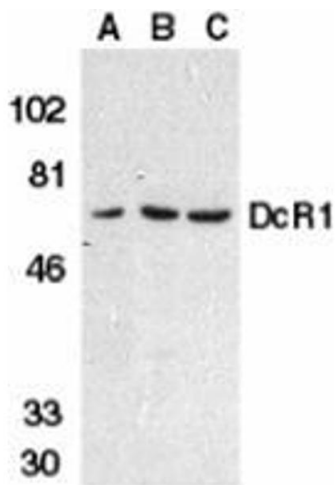
Storage: 4 °C

Storage Comment: Store the antibody undiluted at 2-8 °C.



Immunofluorescence

Image 1. Immunofluorescence of DcR1 in rat liver tissue with AP30279PU-N DcR1 antibody at 10 µg/ml.



Western Blotting

Image 2. Western blot analysis of DcR1 in HeLa cell (A), mouse (B) and rat (C) liver tissue lysates with AP30279PU-N DcR1 antibody at 1 µg/ml.