

Anti-DcR1 TNFRSF10C Antibody

Catalog Number: A04218-1

About TNFRSF10C

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.

Overview

Product Name	Anti-DcR1 TNFRSF10C Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-DcR1 TNFRSF10C Antibody (Catalog # A04218-1). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	DcR1 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	DcR1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	O14798

Technical Details

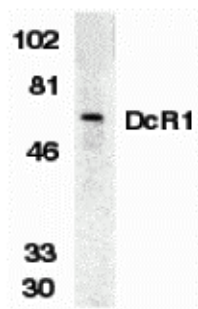
Immunogen	DcR1 antibody was raised against a peptide corresponding to amino acids in a extracellular domain of human DcR1 precursor. The immunogen is located within amino acids 140 - 190 of DcR1.
Predicted Reactive Species	Rat
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	DcR1 Antibody is DEAE purified.

Suggested Dilutions

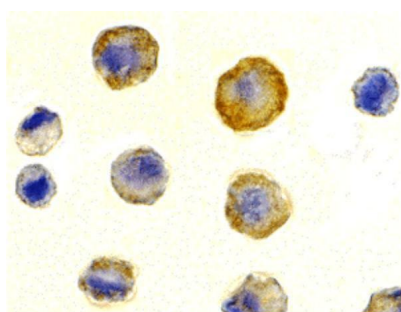
DcR1 antibody can be used for detection of DcR1 by Western blot 0.5 ug/mL. An approximate 65 kDa band can be detected. Antibody can also be used for immunocytochemistry starting at 10 ug/mL. For immunofluorescence start at 20 ug/mL.

Antibody validated: Western Blot in human samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

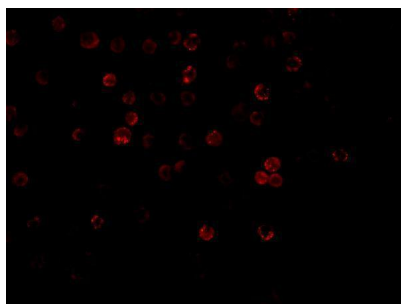
Anti-DcR1 TNFRSF10C Antibody (A04218-1) Images



Western blot analysis of DcR1 in HeLa whole cell lysate with DcR1 antibody (ED) at 1:500 dilution.



Immunocytochemistry of DcR1 in HeLa cells with DcR1 antibody at 10 ug/mL.



Immunofluorescence of DcR1 in HeLa cells with DcR1 antibody at 20 ug/mL.

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Anti-DcR1 TNFRSF10C Antibody

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