

Product datasheet

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ARG54386 anti-CD263 / TRAIL R3 antibody

Package: 50 μg Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes CD263 / TRAIL R3

Tested Reactivity Hu, Ms, Rat
Tested Application IHC-P, WB

Specificity This antibody recognizes human, mouse, and rat DcR1 (65kDa).

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name CD263 / TRAIL R3

Species Human

Immunogen Peptide corresponding to aa 111-123 at the extracellular domain (ED) of human DcR1 precursor

(accession no. AAB67104).

Conjugation Un-conjugated

Alternate Names Lymphocyte inhibitor of TRAIL; Antagonist decoy receptor for TRAIL/Apo-2L; TNF-related apoptosis-

inducing ligand receptor 3; DCR1; TRID; CD antigen CD263; Tumor necrosis factor receptor superfamily member 10C; CD263; Decoy TRAIL receptor without death domain; LIT; Decoy receptor 1; DcR1; DCR1-TNFR; TRAIL-R3; TRAIL receptor 3; TRAILR3; TRAIL receptor without an intracellular domain

Application Instructions

Application table	Application	Dilution	
	IHC-P	Assay-dependent	
	WB	Assay-dependent	
Application Note		* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa, Mouse liver and Rat liver		

Properties

Form Liquid

Purification DEAE purified.

Buffer PBS (pH 7.4) and 0.02% Sodium azide

Preservative 0.02% Sodium azide

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Bioinformation

Database links <u>GeneID: 8794 Human</u>

Swiss-port # O14798 Human

Gene Symbol TNFRSF10C

Gene Full Name tumor necrosis factor receptor superfamily, member 10c, decoy without an intracellular domain

Background TRAIL/Apo2L is a new member of the TNF family that induces apoptosis in a variety of tumor cell lines.

DR4 and DR5 are the recently identified functional receptors for TRAIL. Two decoy receptors for TRAIL have been designated DcR1/TRID/TRAIL-R3/LIT and DcR2/TRAIL-R4/TRUNDD. DcR1 has an extracellular TRAIL-binding domain but lacks an intracellular signaling domain. It is a glycophospholipid-anchored cell surface protein. DcR1 transcripts are expessed in many normal human tissues but not in most cancer cell lines. Overexpression of DcR1 does not induce apoptosis but attenuates TRAIL-induced apoptosis.

Function Receptor for the cytotoxic ligand TRAIL. Lacks a cytoplasmic death domain and hence is not capable of

inducing apoptosis. May protect cells against TRAIL mediated apoptosis by competing with TRAIL-R1

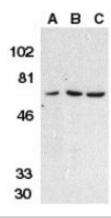
and R2 for binding to the ligand. [UniProt]

Research Area Cell Biology and Cellular Response antibody; Cell Death antibody; Immune System antibody

Calculated Mw 27 kDa

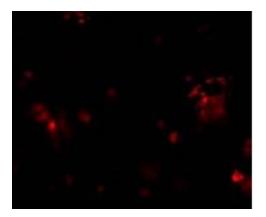
PTM N-glycosylated and O-glycosylated.

Images



ARG54386 anti-CD263 / TRAIL R3 antibody WB image

Western blot: A:HeLa ; B: Mouse liver; C:rat liver tissue stained with ARG54386 anti-CD263 / TRAIL R3 antibody at 1 $\mu g/ml$ dilution.



ARG54386 anti-CD263 / TRAIL R3 antibody ICC/IF image

Immunofluorescence: Rat liver stained with ARG54386 anti-CD263 / TRAIL R3 antibody at 10 $\mu g/ml$ dilution.