ARG54410
anti-CD264 / TRAIL R4 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CD264 / TRAIL R4
Tested Reactivity	Hu
Tested Application	ICC/IF, WB
Specificity	This antibody recognizes full-length DcR2 (34kDa).
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CD264 / TRAIL R4
Species	Human
Immunogen	Peptide corresponding to aa 249-263 of human DcR2 precursor (accession no. Q9UBN6).
Conjugation	Un-conjugated
Alternate Names	Tumor necrosis factor receptor superfamily member 10D; CD264; DCR2; CD antigen CD264; DcR2; Decoy receptor 2; TNF-related apoptosis-inducing ligand receptor 4; TRUNDD; TRAILR4; TRAIL receptor with a truncated death domain; TRAIL receptor 4; TRAIL-R4

Application Instructions

Application table

Application	Dilution
ICC/IF	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

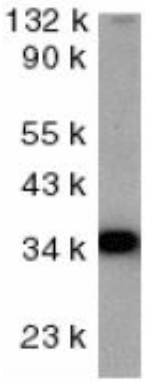
Properties

Form	Liquid
Purification	Immunoaffinity chroma-tography
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.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

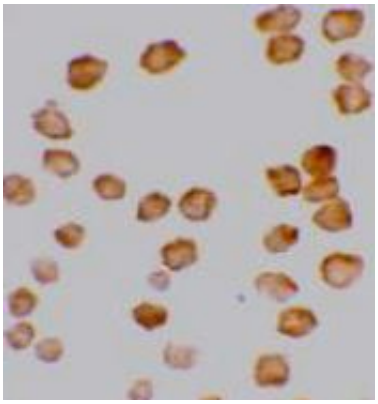
Database links	GeneID: 8793 Human Swiss-port # Q9UBN6 Human
Gene Symbol	TNFRSF10D
Gene Full Name	tumor necrosis factor receptor superfamily, member 10d, decoy with truncated death domain
Background	TRAIL/Apo2L is a new member of the TNF family and induces apoptosis in a variety of tumor cell lines. DR4 and DR5 are the recently identified functional receptors for TRAIL, and DcR1/TRID is a "decoy receptor". Another member of the TRAIL receptor family was more recently identified and designated DcR2, TRAIL-R4, or TRUNDD. DcR2 has an extracellular TRAIL-binding domain but lacks an intracellular death domain and does not induce apoptosis. Like DR4 and DR5, DcR2 transcript is widely expressed in normal human tissues. Overexpression of DcR2 attenuates TRAIL-induced apoptosis.
Function	Receptor for the cytotoxic ligand TRAIL. Contains a truncated death domain and hence is not capable of inducing apoptosis but protects against TRAIL-mediated apoptosis. Reports are contradictory with regards to its ability to induce the NF-kappa-B pathway. According to PubMed:9382840, it cannot but according to PubMed:9430226, it can induce the NF-kappa-B pathway. [UniProt]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Cell Death antibody; Immune System antibody
Calculated Mw	42 kDa

Images



ARG54410 anti-CD264 / TRAIL R4 antibody WB image

Western blot: HeLa stained with ARG54410 anti-CD264 / TRAIL R4 antibody at 1 µg/ml dilution.



ARG54410 anti-CD264 / TRAIL R4 antibody ICC/IF image

Immunofluorescence: HeLa stained with ARG54410 anti-CD264 / TRAIL R4 antibody at 10 µg/ml dilution.