ARG54411
anti-CD262 / TRAIL R2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CD262 / TRAIL R2
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Specificity	This antibody recognizes full-length human and mouse DR5 (57kDa).
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CD262 / TRAIL R2
Species	Human
Immunogen	Peptide corresponding to aa 388-407 of human DR5 precursor (accession no. AF012535).
Conjugation	Un-conjugated
Alternate Names	TRICK2A; TRICK2B; KILLER; TRAILR2; TNF-related apoptosis-inducing ligand receptor 2; DR5; CD antigen CD262; TRICK2; CD262; KILLER/DR5; Tumor necrosis factor receptor superfamily member 10B; Death receptor 5; TRAIL-R2; TRAIL receptor 2; TRICKB; ZTNFR9

Application Instructions

Application table

Application	Dilution
ICC/IF	5 µg/ml
IHC-P	Assay-dependent
WB	1:250 - 1:500

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Positive Control: HeLa and K562

Properties

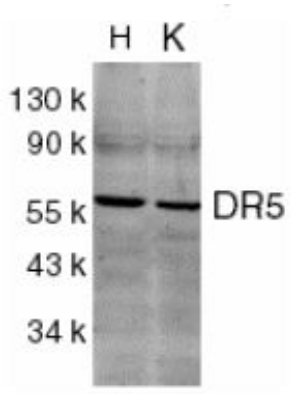
Form	Liquid
Purification	Immunoaffinity chroma-tography
Buffer	PBS (pH 7.4) and 0.02% Sodium azide
Preservative	0.02% Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free 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

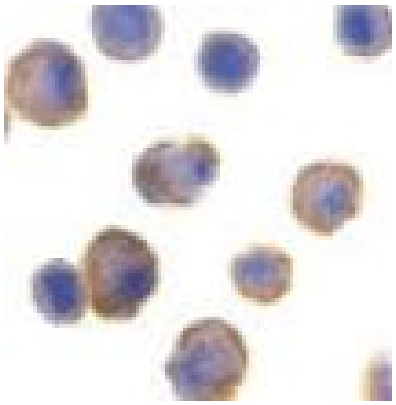
Database links	GeneID: 21933 Mouse GeneID: 8795 Human Swiss-port # O14763 Human Swiss-port # Q9QZM4 Mouse
Gene Symbol	TNFRSF10B
Gene Full Name	tumor necrosis factor receptor superfamily, member 10b
Background	Apoptosis is induced by certain cytokines including TNF and Fas ligand in the TNF family through their death domain-containing receptors. TRAIL/Apo2L is a new member of the TNF family. A novel death domain-containing receptor for TRAIL was recently identified and designated DR5, Apo2, TRAIL-R2, TRICK2, or KILLER by several independent laboratories. Like DR4, DR5 transcript is widely expressed in normal tissues and in many types of tumor cells. DR5 binds to TRAIL and mediates TRAIL-induced cell death. Overexpression of DR5 induces apoptosis and activates NF- B.
Function	Receptor for the cytotoxic ligand TNFSF10/TRAIL. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Promotes the activation of NF-kappa-B. Essential for ER stress-induced apoptosis. [UniProt]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Cell Death antibody; Signaling Transduction antibody
Calculated Mw	48 kDa

Images



ARG54411 anti-CD262 / TRAIL R2 antibody WB image

Western blot: H:HeLa; K:K562 stained with ARG54411 anti-CD262 / TRAIL R2 antibody at 2 µg/ml dilution.



ARG54411 anti-CD262 / TRAIL R2 antibody ICC/IF image

Immunofluorescence: HeLa stained with ARG54411 anti-CD262 / TRAIL R2 antibody at 5 µg/ml dilution.