ARG54125
anti-CD262 / TRAIL R2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes CD262 / TRAIL R2
Tested Reactivity	Hu, Ms
Tested Application	ICC/IF, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Target Name	CD262 / TRAIL R2
Species	Human
Immunogen	Purified recombinant human DR5 protein fragments expressed in E.coli.
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	1:100
WB	1:500 - 1:2000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Observed Size	48 kDa

Properties

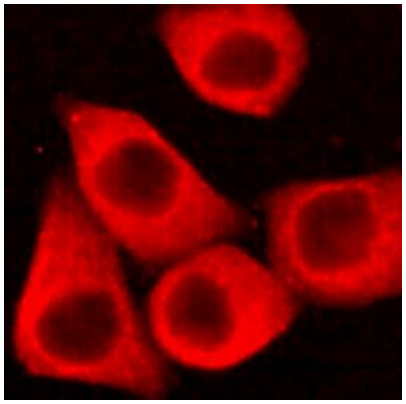
Form	Liquid
Purification	Affinity purified
Buffer	PBS (pH 7.4), 0.02% Sodium azide, 0.1mg/ml BSA and 50% Glycerol
Preservative	0.02% Sodium azide
Stabilizer	0.1mg/ml BSA, 50% Glycerol
Concentration	0.4 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. 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

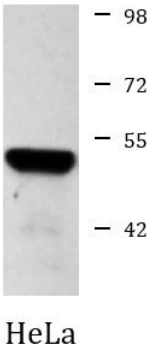
Database links	GeneID: 21933 Mouse GeneID: 8795 Human Swiss-port # O14763 Human Swiss-port # Q9QZM4 Mouse
Gene Symbol	TNFRSF10B
Gene Full Name	tumor necrosis factor receptor superfamily, member 10b
Background	Receptor for the cytotoxic ligand TNFSF10/TRAIL.The adapter molecule FADD recruits caspase-8 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.
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
Cellular Localization	Membrane; Single-pass type I membrane protein.

Images



ARG54125 anti-CD262 / TRAIL R2 antibody ICC/IF image

Immunofluorescence: HeLa cells fixed by Paraformaldehyde and stained with ARG54125 anti-CD262 / TRAIL R2 antibody at 1:100 dilution.



ARG54125 anti-CD262 / TRAIL R2 antibody WB image

Western blot: HeLa cell lysate stained with ARG54125 anti-CD262 / TRAIL R2 antibody at 1:500 - 1:2000 dilution.