ARG22343
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
Tested Application	FACS, ICC/IF, WB
Specificity	Human DR5
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CD262 / TRAIL R2
Species	Human
Immunogen	Recombinant Human DR5 protein.
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
FACS	< 3 ug/10^6 cells
ICC/IF	Assay-dependent
WB	< 2 ug/10^6 cells

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

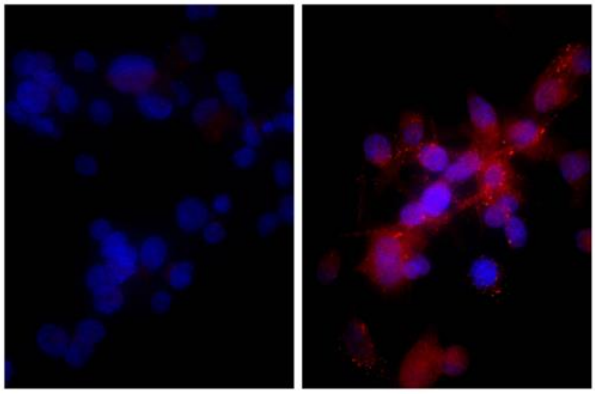
Properties

Form	Liquid
Buffer	BBS (pH 8.2)
Concentration	0.5 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 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: 8795 Human Swiss-port # O14763 Human
Gene Symbol	TNFRSF10B
Gene Full Name	tumor necrosis factor receptor superfamily, member 10b
Background	The protein encoded by this gene is a member of the TNF-receptor superfamily, and contains an intracellular death domain. This receptor can be activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL/APO-2L), and transduces an apoptosis signal. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein. Two transcript variants encoding different isoforms and one non-coding transcript have been found for this gene. [provided by RefSeq, Mar 2009]
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]
Calculated Mw	48 kDa

Images

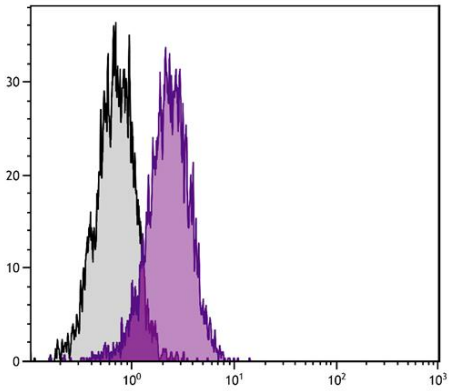


ARG22343 anti-CD262 / TRAIL R2 antibody ICC/IF image

Immunofluorescence: Human hepatocellular carcinoma cell line HepG2 stained with Rabbit IgG isotype control (left) and ARG22343 anti-CD262 / TRAIL R2 antibody (right) followed by ARG21782 Donkey anti-Rabbit IgG (H+L) antibody (Biotin) (pre-adsorbed), Streptavidin (Cy3) and DAPI.

ARG22343 anti-CD262 / TRAIL R2 antibody WB image

Western blot: Jurkat cell lysate stained with ARG22343 anti-CD262 / TRAIL R2 antibody. Secondary antibody: ARG23768 Goat anti-Rabbit IgG (H+L) antibody (HRP) (pre-adsorbed).



ARG22343 anti-CD262 / TRAIL R2 antibody FACS image

Flow Cytometry: Human T cell leukemia cell line Jurkat was stained with ARG22343 anti-CD262 / TRAIL R2 antibody followed by ARG23752 Mouse anti-Rabbit IgG antibody [2A9] (PE).