ARG42324
anti-CD262 / TRAIL R2 antibody [DR5-01-1] (APC)

Package: 50 µg
Store at: 4°C

Summary

Product Description	APC-conjugated Mouse Monoclonal antibody [DR5-01-1] recognizes CD262 / TRAIL R2
Tested Reactivity	Hu
Tested Application	FACS
Specificity	The mouse monoclonal antibody DR5-01-1 recognizes an extracellular domain of TRAIL-R2 (DR5). TRAIL-R2 is one of two TNF superfamily members that contain death domain for TRAIL (APO2L).
Host	Mouse
Clonality	Monoclonal
Clone	DR5-01-1
Isotype	IgG1
Target Name	CD262 / TRAIL R2
Species	Human
Immunogen	Recombinant fusion protein of Human IgG heavy chain and extracellular domain of CD262.
Conjugation	APC
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	1 - 5 µg/ml

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

Properties

Form	Liquid
Purification	Purified
Buffer	PBS and 15 mM Sodium azide.
Preservative	15 mM Sodium azide
Concentration	0.1 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. 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

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 (PubMed:10549288). 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
Cellular Localization	Membrane; Single-pass type I membrane protein. [UniProt]