

Product datasheet

info@arigobio.com

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]