ARG42314
anti-CD264 / TRAIL R4 antibody [TRAIL-R4-01] (APC)

Package: 50 µg
Store at: 4°C

Summary

Product Description	APC-conjugated Mouse Monoclonal antibody [TRAIL-R4-01] recognizes CD264 / TRAIL R4
Tested Reactivity	Hu
Tested Application	FACS
Specificity	The antibody TRAIL-R4-01 reacts with an extracellular epitope of TRAIL-R4, a 42 kDa transmembrane protein expressed on various blood cells.
Host	Mouse
Clonality	Monoclonal
Clone	TRAIL-R4-01
Isotype	IgG1
Target Name	CD264 / TRAIL R4
Species	Human
Immunogen	TRAIL R4 (aa 1-210) - hIgGhc fusion protein.
Conjugation	APC
Alternate Names	Tumor necrosis factor receptor superfamily member 10D; CD264; DCR2; CD antigen CD264; DcR2; Decoy receptor 2; TNF-related apoptosis-inducing ligand receptor 4; TRUNDD; TRAILR4; TRAIL receptor with a truncated death domain; TRAIL receptor 4; TRAIL-R4

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.

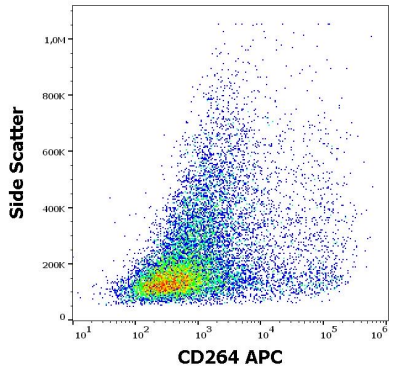
Properties

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

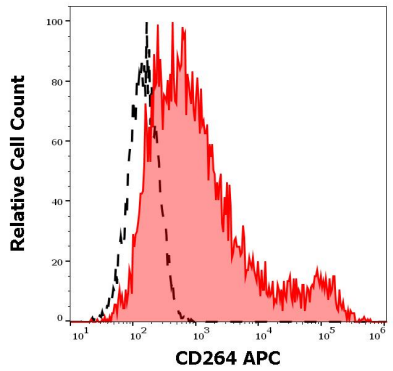
Gene Symbol	TNFRSF10D
Gene Full Name	tumor necrosis factor receptor superfamily, member 10d, decoy with truncated death domain
Background	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contains an extracellular TRAIL-binding domain, a transmembrane domain, and a truncated cytoplamic death domain. This receptor does not induce apoptosis, and has been shown to play an inhibitory role in TRAIL-induced cell apoptosis. [provided by RefSeq, Jul 2008]
Function	Receptor for the cytotoxic ligand TRAIL. Contains a truncated death domain and hence is not capable of inducing apoptosis but protects against TRAIL-mediated apoptosis. Reports are contradictory with regards to its ability to induce the NF-kappa-B pathway. According to PubMed:9382840, it cannot but according to PubMed:9430226, it can induce the NF-kappa-B pathway. [UniProt]
Calculated Mw	42 kDa
Cellular Localization	Membrane; Single-pass type I membrane protein. [UniProt]

Images



ARG42314 anti-CD264 / TRAIL R4 antibody [TRAIL-R4-01] (APC) FACS image

Flow Cytometry: CD264 transfected HEK293 cells stained with ARG42314 anti-CD264 / TRAIL R4 antibody [TRAIL-R4-01] (APC) at 1.7 µg/ml dilution.



ARG42314 anti-CD264 / TRAIL R4 antibody [TRAIL-R4-01] (APC) FACS image

Flow Cytometry: Separation of CD264 transfected HEK293 cells stained with ARG42314 anti-CD264 / TRAIL R4 antibody [TRAIL-R4-01] (APC) at 1.7 µg/ml dilution (red-filled) from CD264 transfected HEK293 cells stained with ARG65336 Mouse IgG1 Kappa Isotype Control antibody [MOPC-21] (APC) at 1.7 µg/ml dilution (black-dashed).