

### Product datasheet

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# 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

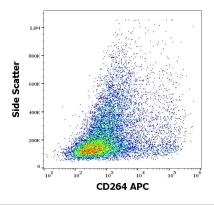
inducing apoptosis but protects against TRAIL-mediated apoptosis. Reports are contradictory with regards to its ability to induce the NF-kappa-B pathway. According to PubMed:9382840, it cannot but

according to PubMed:9430226, it can induce the NF-kappa-B pathway. [UniProt]

Calculated Mw 42 kDa

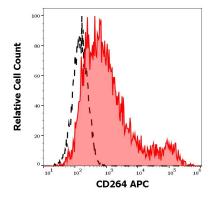
Cellular Localization Membrane; Single-pass type I membrane protein. [UniProt]

#### **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  $\mu$ g/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  $\mu g/ml$  dilution (red-filled) from CD264 transfected HEK293 cells stained with ARG65336 Mouse IgG1 Kappa Isotype Control antibody [MOPC-21] (APC) at 1.7  $\mu g/ml$  dilution (black-dashed).