

## 30-2608: Anti-Human CD264 APC (Clone : TRAIL-R4-01)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	TRAIL-R4-01
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	APC
<b>Gene :</b>	TNFRSF10D
<b>Gene ID :</b>	8793
<b>Alternative Name :</b>	TNFRSF10D, DcR2, TRUNDD, TRAILR4, TNF receptor superfamily member 10d
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	TRAIL-R4 (aa 1-210) - hlgGhc fusion protein

### Description

TRAIL-R4 (CD264, TR4, DcR2, TRUNDD), expressed mainly on CD8+ and NK cells, belongs to receptors of TRAIL, a TNF-like membrane toxic protein that induces apoptosis in many tumour cells, but not in normal cells. TRAIL-R4, however, contains partially truncated death domain, thus it is unable to induce apoptosis and serves as a negative regulator of apoptotic signaling by impairment death-inducing signaling complex (DISC) processing. TRAIL-R4 interacts with death receptor 5 (DR5) in the native DISC in a TRAIL-dependent manner and prevents its corecruitment with death receptor 4 (DR4).

Specificity : The antibody TRAIL-R4-01 reacts with an extracellular epitope of TRAIL-R4, a 42 kDa transmembrane protein expressed on various blood cells.

### Product Info

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	The purified antibody is conjugated with allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
<b>Content :</b>	0.1 mg/ml Formulation : Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
<b>Storage condition :</b>	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

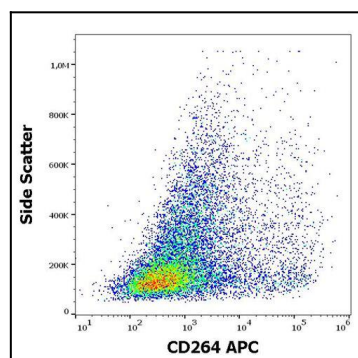


Figure 1 : Flow cytometry surface staining pattern of CD264 transfected HEK-293 cells using anti-human CD264 (TRAIL-R4-01) APC (concentration in sample 1,67 µg/ml).

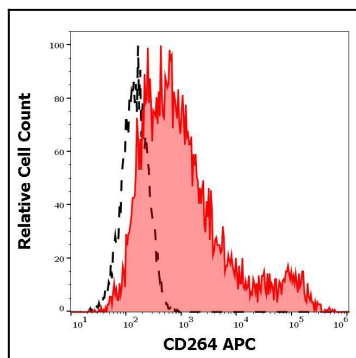


Figure 2 : Separation of cells stained using anti-human CD264 (TRAIL-R4-01) APC antibody (concentration in sample 1,67  $\mu\text{g}/\text{ml}$ , red-filled) from CD264 cells stained using mouse IgG1 isotype control (MOPC-21) APC antibody (concentration in sample 1,67  $\mu\text{g}/\text{ml}$ , black-dashed) in flow cytometry analysis (surface staining) of CD264 transfected HEK-293 cell suspension.