

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

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|--------------------------------|---|
| <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

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|----------------------------|--|
| <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<br>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.  |

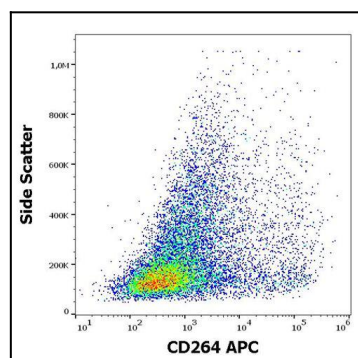


Figure 1 : Flow cytometry surface staining pattern of CD264 transfected HEK-293 cells using anti-human CD264 (TRAIL-R4-01) APC (concentration in sample 1,67 µg/ml).

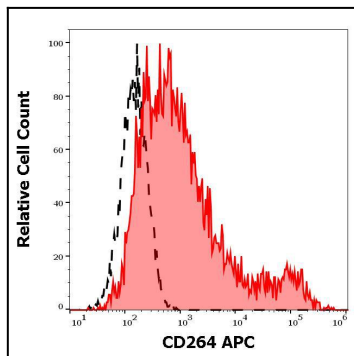


Figure 2 : Separation of cells stained using anti-human CD264 (TRAIL-R4-01) APC antibody (concentration in sample 1,67 µg/ml, red-filled) from CD264 cells stained using mouse IgG1 isotype control (MOPC-21) APC antibody (concentration in sample 1,67 µg/ml, black-dashed) in flow cytometry analysis (surface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