

Datasheet for ABIN6240814

anti-DcR2 antibody (AA 1-210) (APC)[Go to Product page](#)**2** Images

Overview

Quantity:	0.1 mg
Target:	DcR2 (TNFRSF10D)
Binding Specificity:	AA 1-210
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DcR2 antibody is conjugated to APC
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	TRAIL-R4 (aa 1-210) - hIgGhc fusion protein
Clone:	TRAIL-R4-01
Isotype:	IgG1
Specificity:	The antibody TRAIL-R4-01 reacts with an extracellular epitope of TRAIL-R4, a 42 kDa transmembrane protein expressed on various blood cells.
Cross-Reactivity (Details):	Human
Purification:	Purified antibody is conjugated with activated allophycocyanin (APC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Target Details

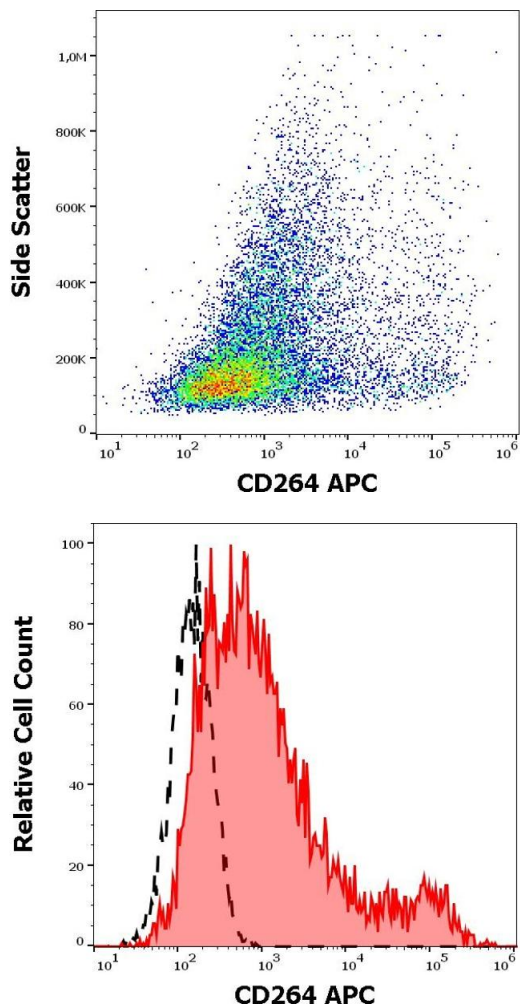
Target:	DcR2 (TNFRSF10D)
Alternative Name:	CD264 / TRAIL-R4 (TNFRSF10D Products)
Background:	TNF receptor superfamily member 10d, TRAIL-R4 (CD264, TR4, DcR2, TRUNDD), expressed mainly on CD8+ and NK cells, belongs to receptors of TRAIL, a TNF-like membrane toxic protein that induces apoptosis in many 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), TNFRSF10D, DcR2, TRUNDD, TRAILR4
Gene ID:	8793
UniProt:	Q9UBN6
Pathways:	Apoptosis

Application Details

Application Notes:	Flow cytometry: Recommended dilution: 1-5 µg/mL.
Comment:	The purified antibody is conjugated with cross-linked Allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Restrictions:	For Research Use only

Handling

Concentration:	0.1 mg/mL
Buffer:	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	The purified antibody is conjugated with cross-linked Allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.



Flow Cytometry

Image 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).

Flow Cytometry

Image 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.