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Datasheet for ABIN301992
anti-DcR2 antibody (AA 1-210)

1 Image

Overview

Quantity:	0.1 mg
Target:	DcR2 (TNFRSF10D)
Binding Specificity:	AA 1-210
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DcR2 antibody is un-conjugated
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 by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

Target Details

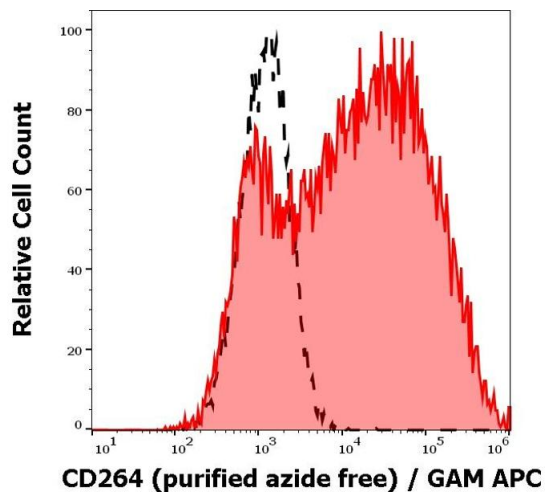
Target:	DcR2 (TNFRSF10D)
Alternative Name:	CD264 / TRAIL-R4 (TNFRSF10D Products)
Background:	TNF receptor superfamily member 10d, TRAIL-R4 (CD264, TR4, DcR2, TRUNDD), expressed mainly on CD8+ and NK cells, belongs to receptors of TRAIL, a TNF-like membrane toxic protein that induces apoptosis in many 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: 1-4 µg/mL.
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4
Preservative:	Azide free
Handling Advice:	Do not freeze.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.



Flow Cytometry

Image 1. Separation of CD264 transfected HEK-293 cells (red-filled) from HEK-293 nontransfected cells (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD264 (TRAIL-R4-01) purified antibody (concentration in sample 0,33 µg/mL) GAM APC.