

Datasheet for ABIN2749053  
**anti-TNFRSF10A antibody**[Go to Product page](#)

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1 Publication

## Overview

Quantity:	0.1 mg
Target:	TNFRSF10A
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TNFRSF10A antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Fusion protein containing the extracellular part of TRAIL-R1 and the constant part of the heavy chain of the human IgG1.
Clone:	DR-4-02
Isotype:	IgG1
Specificity:	The mouse monoclonal antibody DR-4-02 recognizes an extracellular epitope of TRAIL-R1 (DR4), a human death receptor 4 expressed in most human tissues (spleen, peripheral blood leucocytes, thymus) and in a variety of tumour-derived cell lines.
Cross-Reactivity (Details):	Human
Purification:	Purified by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

## Target Details

Target:	TNFRSF10A
Alternative Name:	CD261 / TRAIL-R1 ( <a href="#">TNFRSF10A Products</a> )
Background:	<p>TNF receptor superfamily member 10a,TRAIL-R1 (CD261, DR4) is a type I transmembrane protein, also called TRAIL receptor 1. The ligand for this DR4 death receptor has been identified and termed TRAIL, which is a member of the TNF family. DR4, as many other receptors (Fas, TNFR1, etc.), mediates apoptosis and NF kappaB activation in many cells and tissues.</p> <p>Apoptosis, a programmed cell death, is a operating process in normal cellular differentiation and development of multicellular organisms. Apoptosis is induced by coupled of certain cytokines (TNF family - TNF, Fas ligand) and their death domain containing receptors (TNFR1, Fas receptor).,DR4, APO2, TNFRSF10A, TRAILR1, TRAIL-R1</p>
Gene ID:	8797
UniProt:	<a href="#">O00220</a>
Pathways:	<a href="#">Apoptosis</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a>

## Application Details

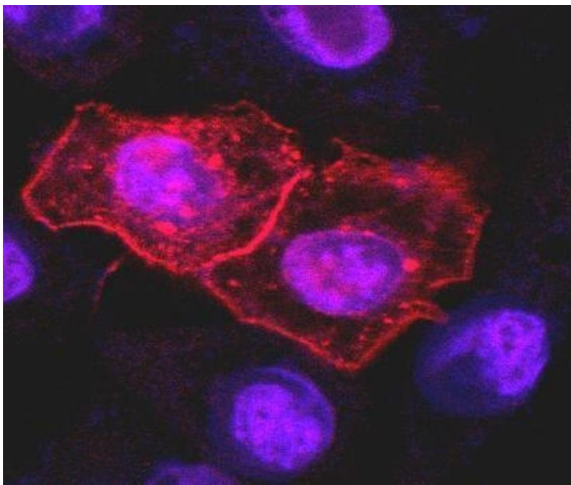
Application Notes:	Flow cytometry: Recommended dilution: 1-4 µg/mL.
Restrictions:	For Research Use only

## Handling

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

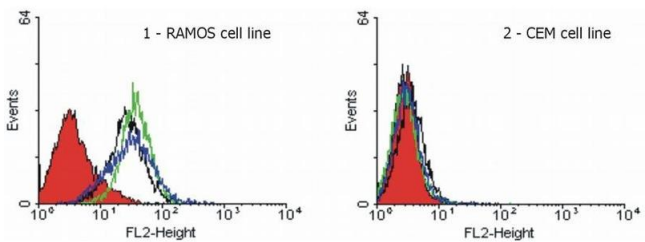
## Publications

Product cited in:	Símová, Klíma, Cermak, Sourková, Andera: "Arf and Rho GAP adapter protein ARAP1 participates in the mobilization of TRAIL-R1/DR4 to the plasma membrane." in: <b>Apoptosis : an international journal on programmed cell death</b> , Vol. 13, Issue 3, pp. 423-36, (2008) ( <a href="#">PubMed</a> ).
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Immunocytochemistry

**Image 1.** Immunocytochemistry staining (confocal microscopy) of HeLa human cervix carcinoma cell line transfected with TRAIL-R1 expression plasmid using anti-human TRAIL-R1 (DR-4-02).



Flow Cytometry

**Image 2.** Flow cytometry analysis of TRAIL-R1 expression on the surface of hematopoietic cell lines. Cells were stained with purified anti-TRAIL-R1 antibodies followed by Goat anti-mouse IgG PE.