

### 30-1276: Anti-CD261 / TRAIL-R1 / DR4 Monoclonal Antibody (Clone:DR-4-02)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	DR-4-02
<b>Application :</b>	FACS, IP, ICC, Functional Assay
<b>Reactivity :</b>	Human
<b>Gene :</b>	TNFRSF10A
<b>Gene ID :</b>	8797
<b>Uniprot ID :</b>	O00220
<b>Format :</b>	Purified
<b>Alternative Name :</b>	TNFRSF10A,APO2,DR4,TRAILR1
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Fusion protein containing the extracellular part of TRAIL-R1 and the constant part of the heavy chain of the human IgG1.

#### Description

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. 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).

#### Product Info

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

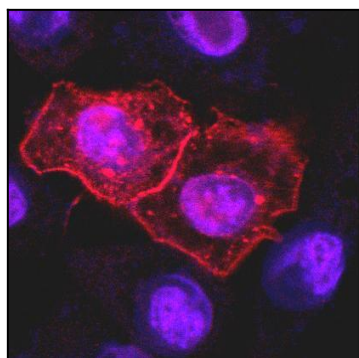


Figure 1: Immunofluorescence staining (confocal microscopy) of HeLa human cervix carcinoma cell line transfected with TRAIL-R1 expression plasmid using anti-human TRAIL-R1 (DR-4-02).