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

Clonality: Monoclonal Clone Name: DR-4-02

Application: FACS, IP, ICC, Functional Assay

Reactivity: Human

Gene: TNFRSF10A

 Gene ID :
 8797

 Uniprot ID :
 000220

 Format :
 Purified

Alternative Name: TNFRSF10A,APO2,DR4,TRAILR1

**Isotype:** Mouse IgG1

Immunogen Information: 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**

Amount: 0.1 mg

**Purification:** Purified by protein-A affinity chromatography

**Storage condition :** Store at 2-8°C. Do not freeze.

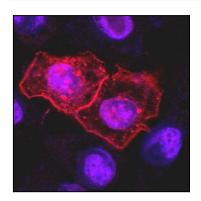


Figure 1: Immunofluorescence staining (confocal microscopy) of HeLa human cervix carcinoma cell line transfected with TRAIL-R1 expression plasmid using anti-human TRAIL-R1 (DR-4-02).