

30-1611: Anti-CD261 / TRAIL-R1 / DR4 Monoclonal Antibody (Clone:DR-4-02)-Low Endotoxin

Clonality :	Monoclonal
Clone Name :	DR-4-02
Application :	FACS, IP, ICC, Functional Assay
Reactivity :	Human
Gene :	TNFRSF10A
Gene ID :	8797
Uniprot ID :	O00220
Format :	Low Endotoxin
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.

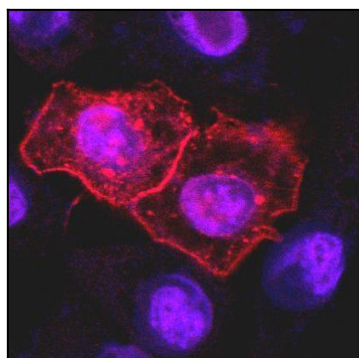


Figure 1: Immunofluorescence staining (confocal microscopy) of HeLa human cervix carcinoma cell line transfected with TRAIL-R1 expression plasmid using anti-human TRAIL-R1 (DR-4-02).