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30-1998: Anti-CD261 / TRAIL-R1 / DR4 Monoclonal Antibody (Clone:DR-4-02)-FITC Conjugated

Clonality :	Monoclonal
Clone Name :	DR-4-02
Application :	FACS, IP, ICC, Functional Assay
Reactivity :	Human
Conjugate :	FITC
Gene :	TNFRSF10A
Gene ID :	8797
Uniprot ID :	O00220
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
Storage condition :	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

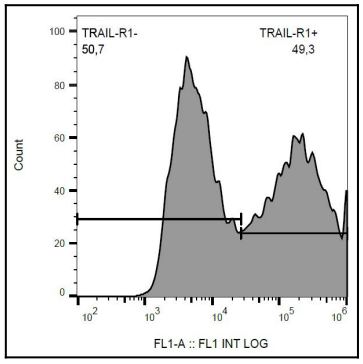

Figure 1: Surface staining of CD261-transfected HEK-293 cells with anti-CD261/TRAIL-R1 (DR-4-02) FITC.