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## 30-2226: Anti-CD261 / TRAIL-R1 / DR4 Monoclonal Antibody (Clone:DR-4-02)-PE Conjugated

Clone Name : Monoclonal DR-4-02

**Application :** FACS, IP, ICC, Functional Assay

Reactivity: Human Conjugate: PE

 Gene :
 TNFRSF10A

 Gene ID :
 8797

 Uniprot ID :
 000220

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.

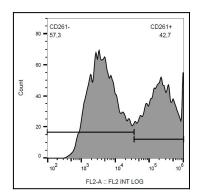


Figure 1: Surface staining of CD261-transfected HEK-293 cells with anti-CD261/TRAIL-R1 (DR-4-02) PE.