

## Product datasheet for **CF807650**

### DR4 (TNFRSF10A) Mouse Monoclonal Antibody [Clone ID: OTI11B12]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI11B12
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 263-468 of human TNFRSF10A(NP_003835) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	TNF receptor superfamily member 10a
Database Link:	<a href="#">NP_003835</a> <a href="#">Entrez Gene 8797 Human</a> <a href="#">O00220</a>



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**Background:**

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL), and thus transduces cell death signal and induces cell apoptosis. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein. [provided by RefSeq, Jul 2008]

**Synonyms:**

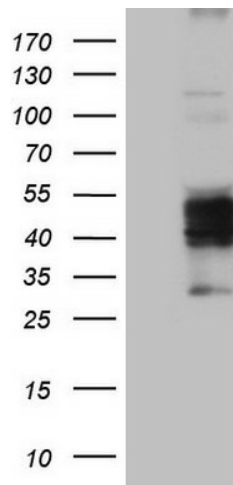
APO2; CD261; DR4; TRAILR-1; TRAILR1

**Protein Families:**

Druggable Genome, Transmembrane

**Protein Pathways:**

Apoptosis, Cytokine-cytokine receptor interaction, Natural killer cell mediated cytotoxicity

**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TNFRSF10A ([RC202152], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TNFRSF10A (1:2000).