

TNFRSF10D monoclonal antibody, clone TRAIL-R4-01 (PE)

Catalog # MAB5140

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant TNFRSF10D.
Immunogen	Recombinant Fc fusion protein corresponding to amino acids 1-210 of TNFRSF10D.
Host	Mouse
Theoretical MW (kDa)	42
Reactivity	Human
Specificity	This antibody reacts with TRAIL-R4, a 42 KDa transmembrane protein expressed on various blood cells.
Form	Liquid
Conjugation	PE
Concentration	0.1 mg/mL
Isotype	IgG1
Recommend Usage	Flow Cytometry (3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.2% BSA, 0.09% sodium azide)
Storage Instruction	Store in the dark at 4°C. Do not freeze. Avoid prolonged exposure to light. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Flow Cytometry

Gene Info — TNFRSF10D

Entrez GeneID	8793
Gene Name	TNFRSF10D
Gene Alias	CD264, DCR2, TRAILR4, TRUNDD
Gene Description	tumor necrosis factor receptor superfamily, member 10d, decoy with truncated death domain
Omim ID	603614
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contains an extracellular TRAIL-binding domain, a transmembrane domain, and a truncated cytoplasmic death domain. This receptor does not induce apoptosis, and has been shown to play an inhibitory role in TRAIL-induced cell apoptosis. [provided by RefSeq]
Other Designations	TNF receptor-related receptor for TRAIL TRAIL receptor 4 TRAIL receptor with a truncated death domain decoy receptor 2 decoy with truncated death domain tumor necrosis factor receptor superfamily, member 10d

Publication Reference

- [Expression of the TRAIL receptors in blood mononuclear cells in leukemia.](#)

Deligezer U, Dalay N.

Pathology Oncology Research 2007 Dec; 13(4):290.

- [TRAIL signalling: decisions between life and death.](#)

Falschlehner C, Emmerich CH, Gerlach B, Walczak H.

The International Journal of Biochemistry & Cell Biology 2007 Feb; 39(7-8):1462.

- [Differential inhibition of TRAIL-mediated DR5-DISC formation by decoy receptors 1 and 2.](#)

Merino D, Lalaoui N, Morizot A, Schneider P, Solary E, Micheau O.

Molecular and Cellular Biology 2006 Oct; 26(19):7046.

Pathway

- [Apoptosis](#)
- [Cytokine-cytokine receptor interaction](#)
- [Natural killer cell mediated cytotoxicity](#)

Disease

- [Asthma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Myeloma](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Occupational Diseases](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)