

Datasheet

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

Catalog Number: MAB5139

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against partial recombinant TNFRSF10D.

Clone Name: TRAIL-R4-01

Immunogen: Recombinant Fc fusion protein corresponding to amino acids 1-210 of TNFRSF10D.

Host: Mouse

Theoretical MW (kDa): 42

Reactivity: Human

Applications: Flow Cyt
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: This antibody reacts with TRAIL-R4, a 42 kDa transmembrane protein expressed on various blood cells.

Form: Liquid

Conjugation: FITC

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.

Entrez GeneID: 8793

Gene Symbol: TNFRSF10D

Gene Alias: CD264, DCR2, TRAILR4, TRUNDD

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]

References:

1. Expression of the TRAIL receptors in blood mononuclear cells in leukemia. Deligezer U, Dalay N. *Pathol Oncol Res.* 2007;13(4):290-4. Epub 2007 Dec 25.
2. TRAIL signalling: decisions between life and death. Falschlehner C, Emmerich CH, Gerlach B, Walczak H. *Int J Biochem Cell Biol.* 2007;39(7-8):1462-75. Epub 2007 Feb 14.
3. 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. *Mol Cell Biol.* 2006 Oct;26(19):7046-55.