

Datasheet

TNFRSF10B monoclonal antibody, clone DR5-01-1 (FITC)

Catalog Number: MAB4505

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against partial recombinant TNFRSF10B.

Clone Name: DR5-01-1

Immunogen: Recombinant Fc fusion protein corresponding to partial human TNFRSF10B.

Host: Mouse

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 recognizes an extracellular domain of TRAIL-R2 (DR5). TRAIL-R2 is one of two TNF superfamily member intracellular death domain containing receptors for TRAIL (APO2L).

Form: Liquid

Conjugation: FITC

Concentration: 0.1 mg/mL

Isotype: IgG1

Recommend Usage: Flow Cytometry (5 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: 8795

Gene Symbol: TNFRSF10B

Gene Alias: CD262, DR5, KILLER, KILLER/DR5, TRAIL-R2, TRAILR2, TRICK2, TRICK2A, TRICK2B, TRICKB, ZTNFR9

Gene Summary: The protein encoded by this gene is a member of the TNF-receptor superfamily, and contains an intracellular death domain. This receptor can be activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL/APO-2L), and transduces an apoptosis signal. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein. Two transcript variants encoding different isoforms and one non-coding transcript have been found for this gene. [provided by RefSeq]

References:

1. TRAIL, caspases and maturation of normal and leukemic myeloid precursors. Corallini F, Milani D, Nicolini V, Secchiero P. Leuk Lymphoma. 2006 Aug;47(8):1459-68.