

Datasheet

TNFRSF10A monoclonal antibody, clone DR-4-02 (PE)

Catalog Number: MAB5077

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against partial recombinant TNFRSF10A.

Clone Name: DR-4-02

Immunogen: Recombinant Fc fusion protein corresponding to extracellular region of TNFRSF10A.

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 TRAIL-R1 (DR4), a human death receptor 4 (468 amino acids) expressed in most human tissues (spleen, peripheral blood leucocytes, thymus) and in a variety of tumour-derived.

Form: Liquid

Conjugation: PE

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: 8797

Gene Symbol: TNFRSF10A

Gene Alias: APO2, CD261, DR4, MGC9365, TRAILR-1, TRAILR1

Gene Summary: 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]

References:

1. Arf and Rho GAP adapter protein ARAP1 participates in the mobilization of TRAIL-R1/DR4 to the plasma membrane. Simova S, Klima M, Cermak L, Sourkova V, Andera L. Apoptosis. 2008 Mar;13(3):423-36.
2. 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.