



1F-518-C100

Monoclonal Antibody to CD263 / TRAIL-R3 Fluorescein (FITC) conjugated (0.1 mg)

Clone:	TRAIL-R3-02
Isotype:	Mouse IgG1
Specificity:	The antibody TRAIL-R3-02 reacts with TRAIL-R3, a 35 kDa GPI-anchored extracellular membrane protein expressed mainly on neutrophils.
Regulatory Status:	RUO
Immunogen:	TRAIL-R3 (aa 1-280) - hIgGhc fusion protein
Species Reactivity:	Human
Preparation:	The purified antibody is conjugated with Fluorescein isothiocyanate (FITC) under optimum conditions. The reagent is free of unconjugated FITC.
Concentration:	0.1 mg/ml
Storage Buffer:	The reagent is provided in stabilizing phosphate buffered saline (PBS) solution containing 15mM sodium azide.
Storage / Stability:	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.
Usage:	The reagent is designed for Flow Cytometry analysis. Suggested working concentration is 3 µg/ml. Indicated dilution is recommended starting point for use of this product. Working concentrations should be determined by the investigator.
Expiration:	See vial label
Lot Number:	See vial label
Background:	TRAIL-R3 (CD263, TR3, DcR1, LIT, TRID), expressed mainly on neutrophils, belongs to receptors of TRAIL, a TNF-like membrane cytotoxic protein that induces apoptosis in many tumour cells, but not in normal cells. TRAIL-R3, however, is a GPI-anchored protein that lacks cytoplasmic death domain, thus it is unable to induce apoptosis and serves as a negative regulator of apoptotic signaling by competing for binding of TRAIL with death receptor 5 (DR5).
References:	*Clancy L, Mruk K, Archer K, Woelfel M, Mongkolsapaya J, Screaton G, Lenardo MJ, Chan FK: Preligand assembly domain-mediated ligand-independent association between TRAIL receptor 4 (TR4) and TR2 regulates TRAIL-induced apoptosis. <i>Proc Natl Acad Sci U S A</i> . 2005 Dec 13;102(50):18099-104. *Sanlioglu AD, Dirice E, Aydin C, Erin N, Koksoy S, Sanlioglu S. Surface TRAIL decoy receptor-4 expression is correlated with TRAIL resistance in MCF7 breast cancer cells. <i>BMC Cancer</i> . 2005 May 25;5(1):54. *Mérino D, Lalaoui N, Morizot A, Schneider P, Solary E, Micheau O: Differential inhibition of TRAIL-mediated DR5-DISC formation by decoy receptors 1 and 2. <i>Mol Cell Biol</i> . 2006 Oct;26(19):7046-55. *Falschlehner C, Emmerich CH, Gerlach B, Walczak H: TRAIL signalling: decisions between life and death. <i>Int J Biochem Cell Biol</i> . 2007;39(7-8):1462-75. *Deligezer U, Dalay N: Expression of the TRAIL Receptors in Blood Mononuclear Cells in Leukemia. <i>Pathol Oncol Res</i> . 2007;13(4):290-4.

For laboratory research only, not for drug, diagnostic or other use.



Antibodies

Unless indicated otherwise, all products are For Research Use Only and not for diagnostic or therapeutic use. Not for resale or transfer either as a stand-alone product or as a component of another product without written consent of EXBIO. EXBIO will not be held responsible for patent infringement or other violations that may occur with the use of our products. All orders are accepted subject to EXBIO's term and conditions which are available at www.exbio.cz.

For laboratory research only, not for drug, diagnostic or other use.

EXBIO Praha | Nad Safinou II 341 | 252 50 Vestec u Prahy | Czech Republic
Tel: +420 261 090 666 | Fax: +420 261 090 660 | orders@exbio.cz | www.exbio.cz