

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human TRAIL R3/TNFRSF10C in direct ELISAs and Western blots. In direct ELISAs, approximately 20%-40% cross-reactivity with recombinant human (rh) TRAIL R1 is observed and no cross-reactivity with rhTRAIL R2 or rhTRAIL R4 i
Source	Monoclonal Mouse IgG ₁ Clone # 90903
Purification	Protein A or G purified from ascites
Immunogen	Mouse myeloma cell line NS0-derived recombinant human TRAIL R3/TNFRSF10C Ala26-Ala221 Accession # O14798
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

Neutralization Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

TRAIL R3, also called TNFRSF10C, DcR1 (decoy receptor 1), LIT, and TRID, is a glycosylphosphatidylinositol-linked membrane protein which binds TRAIL (Apo2 Ligand) with high affinity (1, 2). TRAIL R3 contains a TRAIL-binding extracellular cysteine-rich domain but lacks an intracellular signaling domain. As a result, binding of TRAIL to TRAIL R3 does not trigger a pro-apoptotic signal. TRAIL R3 has been shown to protect cells bearing TRAIL R1 and/or TRAIL R2 from TRAIL-induced apoptosis.

PRODUCT SPECIFIC NOTICES

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