Human TRAIL/TNFSF10
Alexa Fluor® 700-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 75402

Catalog Number: FAB687N

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human TRAIL in direct ELISAs.
Source	Monoclonal Mouse IgG_1 Clone # 75402
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human TRAIL Thr95-Gly281 Accession # P50591
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and 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.

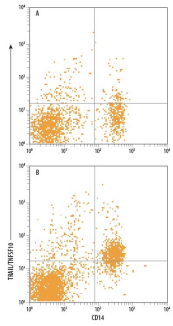
APPLICATIONS

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.*

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 µg/10^6 cells	See Below

DATA

Flow Cytometry



Detection of TRAIL/TNFSF10 in Human PBMCs by Flow Cytometry. Human peripheral blood mononuclear cells (PBMCs) either (A) untreated or (B) treated with 150 ng/mL IFN-α for 48 hours were stained with Mouse Anti-Human TRAIL/TNFSF10 Alexa Fluor® 700-conjugated Monoclonal Antibody (Catalog # FAB687N) and Mouse Anti-Human CD14 Fluorescein-conjugated Monoclonal Antibody (Catalog # FAB3832F). Quadrant markers were set based on control antibody staining (Catalog # IC002N). View our protocol for Staining Membrane-associated Proteins.

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 is a type II transmembrane protein belonging to the TNF superfamily and is now designated TNFSF10. TRAIL is active as a homotrimer and is produced by a variety of cell types in both the membrane bound form and also as a soluble molecule. It binds to any of the four TRAIL receptors as well as to Osteoprotegerin.

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