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Product datasheet for TA812357AM

TNFRSF4 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI1B10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1B10
Applications:	FC, WB
Recommended Dilution:	WB 1:1000, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human TNFRSF4 (NP_003318) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	29.34 kDa
Gene Name:	tumor necrosis factor receptor superfamily member 4
Database Link:	NP_003318 Entrez Gene 7293 Human P43489
Background:	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor has been shown to activate NF-kappaB through its interaction with adaptor proteins TRAF2 and TRAF5. Knockout studies in mice suggested that this receptor promotes the expression of apoptosis inhibitors BCL2 and BCL2lL1/BCL2-XL, and thus suppresses apoptosis. The knockout studies also suggested the roles of this receptor in CD4+ T cell response, as well as in T cell-dependent B cell proliferation and differentiation. [provided by RefSeq, Jul 2008]

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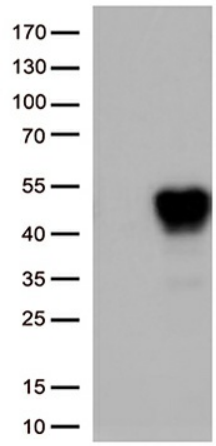
Synonyms: ACT35; CD134; IMD16; OX40; TXGP1L

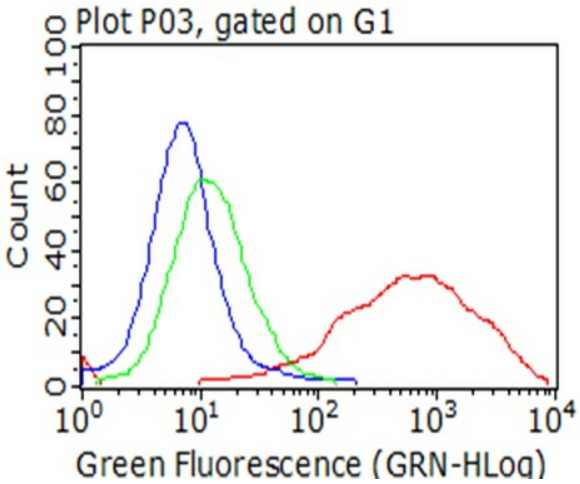
Protein Families: Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction

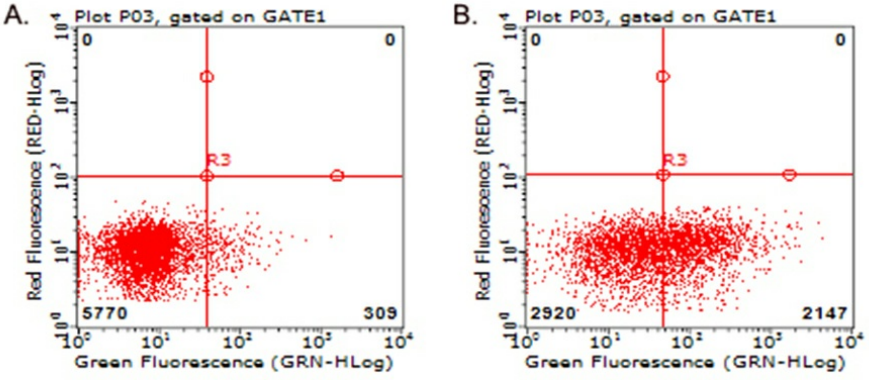
Product images:



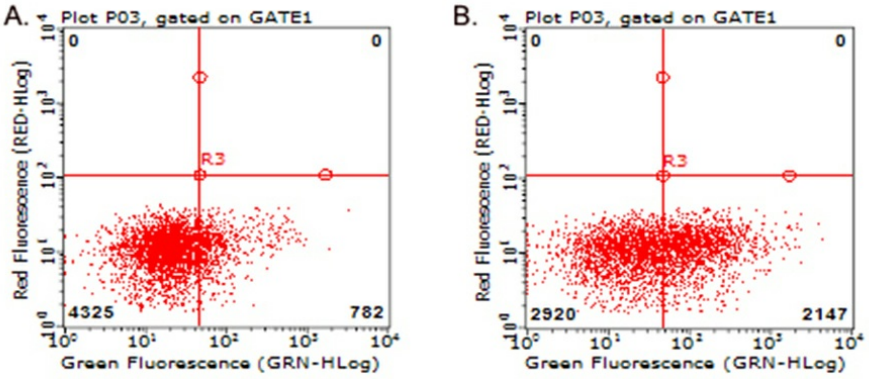
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TNFRSF4 ([RC211253], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TNFRSF4 (1:1000).



Flow cytometric analysis of living 293T cells transfected with TNFRSF4 overexpression plasmid ([RC211253]), Red)/empty vector ([PS100001], Blue) using anti-TNFRSF4 antibody ([TA812357]). Cells incubated with a non-specific antibody (Green) were used as isotype control (1:100).



Flow cytometric analysis of living PBMCs treated with 10ug/ml PHA for 72h (Right)/untreated (Left) using anti-TNFRSF4 antibody ([TA812357]) (1:100).



Flow cytometric analysis of living PBMCs treated with 10ug/ml PHA for 72h using anti-TNFRSF4 antibody ([TA812357]) (Right). Cells incubated with a non-specific antibody (Left) were used as isotype control (1:100).