

## Product datasheet for **TA813073S**

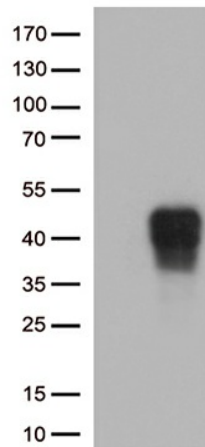
### CD137 (TNFRSF9) Mouse Monoclonal Antibody [Clone ID: OTI4G1]

#### Product data:

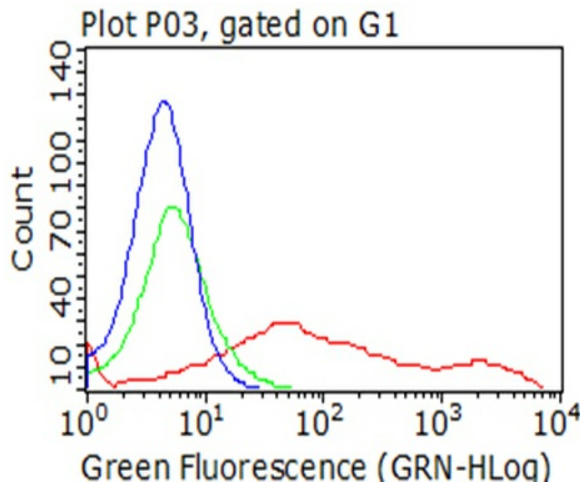
Product Type:	Primary Antibodies
Clone Name:	OTI4G1
Applications:	FC, WB
Recommended Dilution:	WB 1:500, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human TNFRSF9 (NP_001552) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	tumor necrosis factor receptor superfamily member 9
Database Link:	<a href="#">NP_001552</a> <a href="#">Entrez Gene 3604 Human</a> <a href="#">Q07011</a>
Background:	Receptor for TNFSF9/4-1BBL. Possibly active during T cell activation. [UniProtKB/Swiss-Prot Function]
Synonyms:	4-1BB; CD137; CDw137; ILA
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cytokine-cytokine receptor interaction



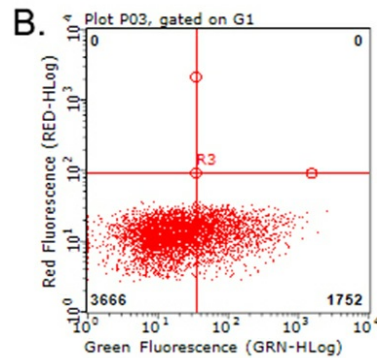
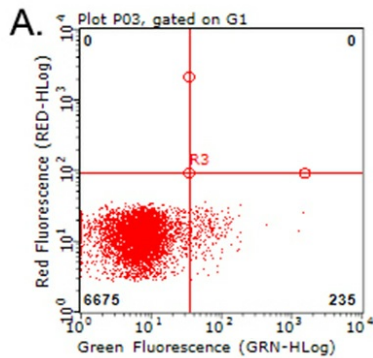
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**Product images:**


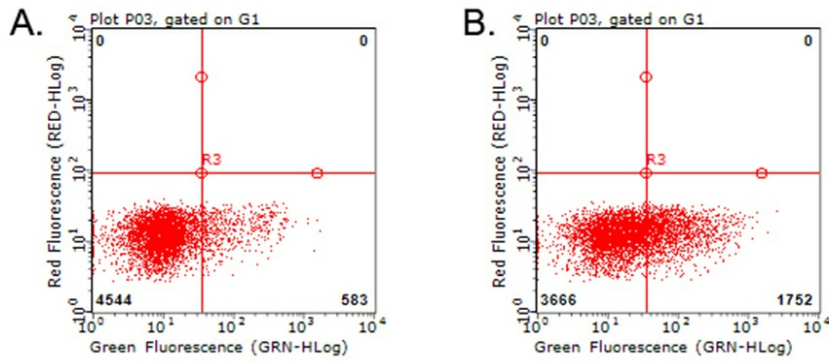
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY TNFRSF9 (Cat# [RC200664], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TNFRSF9 (Cat# [TA813073])(1:500).



Flow cytometric analysis of living 293T cells transfected with TNFRSF9 overexpression plasmid ([RC200664]), Red/empty vector ([PS100001], Blue) using anti-TNFRSF9 antibody ([TA813073]). 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-TNFRSF9 antibody ([TA813073]) (1:100).



Flow cytometric analysis of living PBMCs treated with 10ug/ml PHA for 72h (Right) using anti-TNFRSF9 antibody ([TA813073]). Cells incubated with a non-specific antibody (Left) were used as isotype control (1:100).