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Product datasheet for TA813243M

TNFRSF14 Mouse Monoclonal Antibody [Clone ID: OTI6E9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI6E9
Applications:	FC, WB
Recommended Dilution:	WB 1:1000, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human TNFRSF14 (NP_003811) 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:	Shipped at -20°C or with ice packs, Upon delivery store at -20°C. Dilute in PBS(pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	30.4 kDa
Gene Name:	tumor necrosis factor receptor superfamily member 14
Database Link:	NP_003811 Entrez Gene 8764 Human Q92956
Background:	This gene encodes a member of the TNF (tumor necrosis factor) receptor superfamily. The encoded protein functions in signal transduction pathways that activate inflammatory and inhibitory T-cell immune response. It binds herpes simplex virus (HSV) viral envelope glycoprotein D (gD), mediating its entry into cells. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014].

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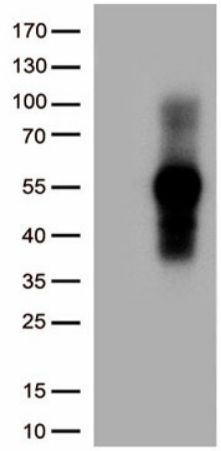
Synonyms: ATAR; CD270; HVEA; HVEM; LIGHTR; TR2

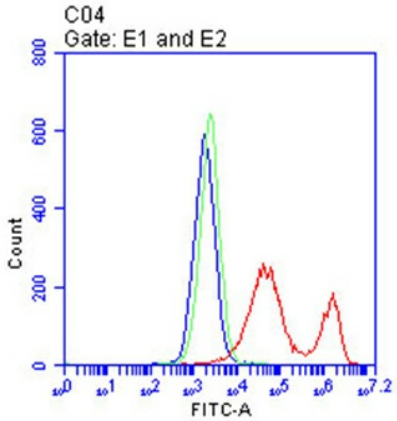
Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TNFRSF14 ([RC201167], 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-TNFRSF14.(1:1000)



Flow cytometric analysis of living 293T cells transfected with TNFRSF14 overexpression plasmid ([RC201167]), Red)/empty vector ([PS100001], Blue) using anti-TNFRSF14 antibody ([TA813243]). Cells incubated with a non-specific antibody (Green) were used as isotype control. □1□100□