

## Product datasheet for **TA813622AM**

### **TNFRSF14 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI5C5]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI5C5
<b>Applications:</b>	FC, WB
<b>Recommended Dilution:</b>	WB 1:1000, FLOW 1:100
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2a
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human TNFRSF14 (NP_003811) produced in HEK293T cell.
<b>Formulation:</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	0.5 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Biotin
<b>Storage:</b>	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.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	30.4 kDa
<b>Gene Name:</b>	tumor necrosis factor receptor superfamily member 14
<b>Database Link:</b>	<a href="#">NP_003811</a> <a href="#">Entrez Gene 8764 Human</a> <a href="#">Q92956</a>
<b>Background:</b>	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].



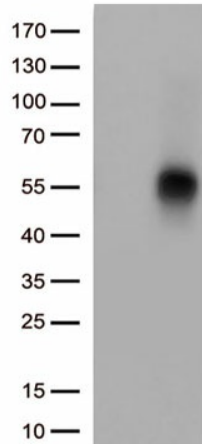
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**Synonyms:** ATAR; CD270; HVEA; HVEM; LIGHTR; TR2

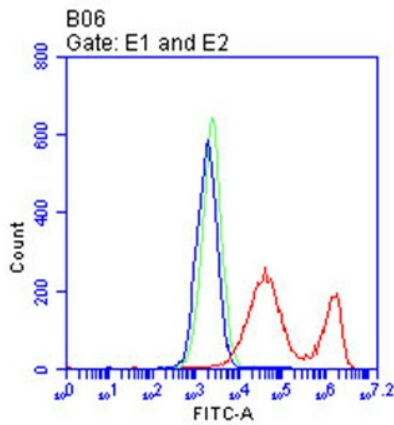
**Protein Families:** Druggable Genome, Transmembrane

**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 ([TA813622]). Cells incubated with a non-specific antibody (Green) were used as isotype control. □1□100□