

## Product datasheet for **CF503671**

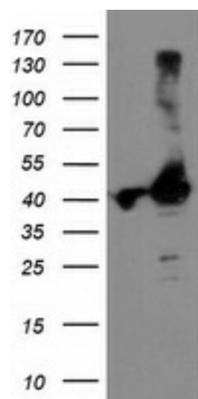
### **TBC1D21 Mouse Monoclonal Antibody [Clone ID: OTI2A6]**

#### **Product data:**

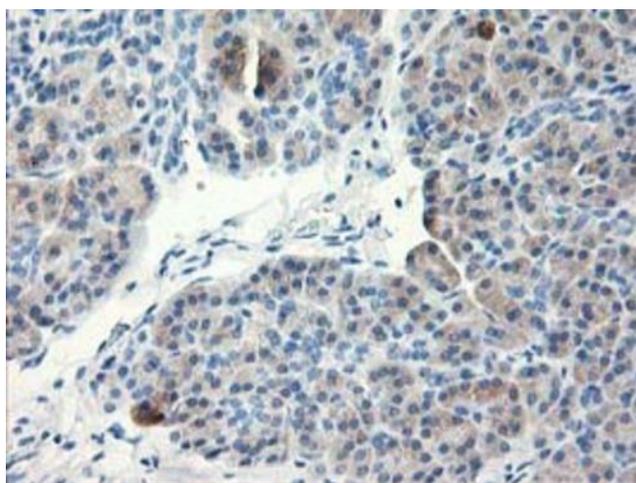
<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI2A6
<b>Applications:</b>	FC, IHC, WB
<b>Recommended Dilution:</b>	WB 1:2000, IHC 1:150, FLOW 1:100
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2b
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human TBC1D21(NP_699187) produced in HEK293T cell.
<b>Formulation:</b>	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
<b>Reconstitution Method:</b>	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	39 kDa
<b>Gene Name:</b>	TBC1 domain family member 21
<b>Database Link:</b>	<a href="#">NP_699187</a> <a href="#">Entrez Gene 161514 Human</a> <a href="#">Q8IYX1</a>
<b>Synonyms:</b>	MgcRabGAP



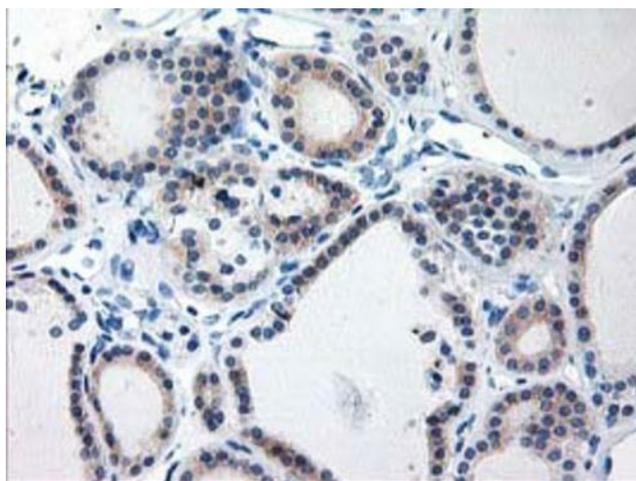
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**Product images:**

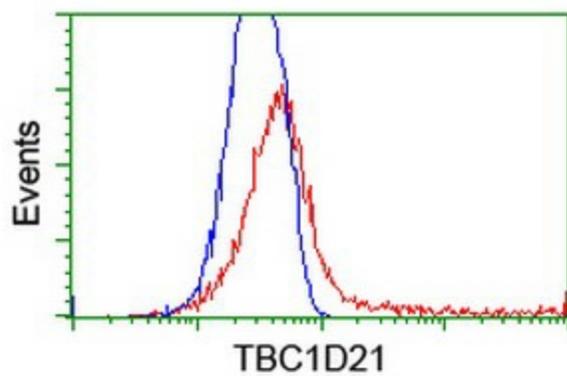
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY TBC1D21 (Cat# [RC206651], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TBC1D21 (Cat# [TA503671]). Positive lysates [LY407069] (100ug) and [LC407069] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-TBC1D21 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-TBC1D21 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



HEK293T cells transfected with either [RC206651] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-TBC1D21 antibody ([TA503671]), and then analyzed by flow cytometry.