

## Product datasheet for **TA502761**

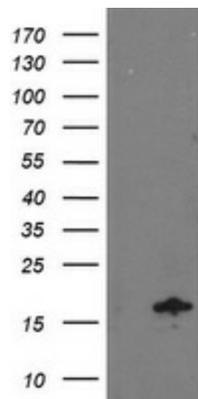
### **NDUFA7 Mouse Monoclonal Antibody [Clone ID: OTI2C3]**

#### **Product data:**

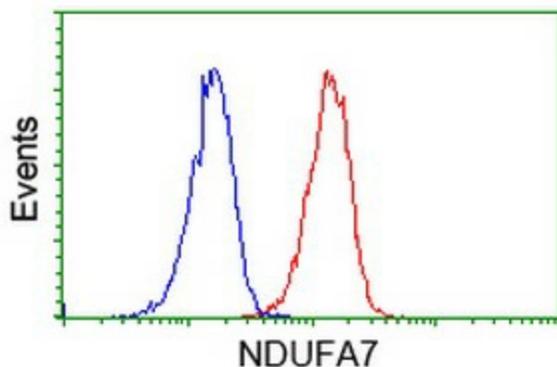
<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI2C3
<b>Applications:</b>	FC, IHC, WB
<b>Recommend Dilution:</b>	WB 1:2000, IHC 1:150, FLOW 1:100
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human NDUFA7 (NP_004992) produced in HEK293T cell.
<b>Formulation:</b>	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	0.9 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Predicted Protein Size:</b>	12.4 kDa
<b>Gene Name:</b>	NADH:ubiquinone oxidoreductase subunit A7
<b>Database Link:</b>	<a href="#">NP_004992 Entrez Gene 4701 Human</a>
<b>Synonyms:</b>	B14.5a; CI-B14.5a
<b>Protein Pathways:</b>	Alzheimer's disease, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease



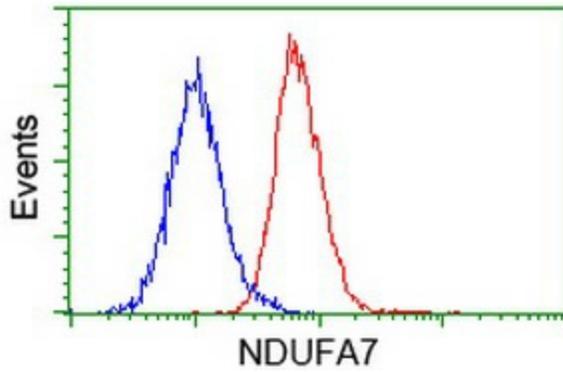
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**Product images:**

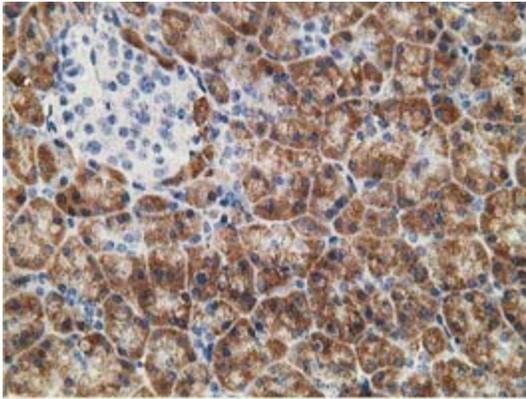
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NDUFA7 ([RC200534], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NDUFA7. Positive lysates [LY417603] (100ug) and [LC417603] (20ug) can be purchased separately from OriGene.



Flow cytometric Analysis of Jurkat cells, using anti-NDUFA7 antibody (TA502761), (Red), compared to a nonspecific negative control antibody, (Blue).



Flow cytometric Analysis of HeLa cells, using anti-NDUFA7 antibody (TA502761), (Red), compared to a nonspecific negative control antibody, (Blue).



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-NDUFA7 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA502761)