

## Product datasheet for **TA502657BM**

### **NDUFA7 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI2E3]**

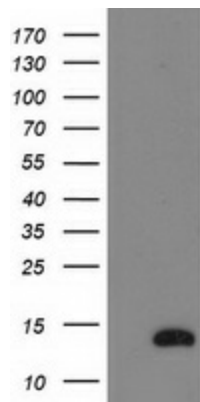
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI2E3
<b>Applications:</b>	FC, IF, WB
<b>Recommended Dilution:</b>	WB 1:2000, IF 1:100, FLOW 1:100
<b>Reactivity:</b>	Human, Mouse, Rat
<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.
<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>	HRP
<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>	12.4 kDa
<b>Gene Name:</b>	NADH:ubiquinone oxidoreductase subunit A7
<b>Database Link:</b>	<a href="#">NP_004992</a> <a href="#">Entrez Gene 66416 Mouse</a> <a href="#">Entrez Gene 299643 Rat</a> <a href="#">Entrez Gene 4701 Human</a> <a href="#">O95182</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

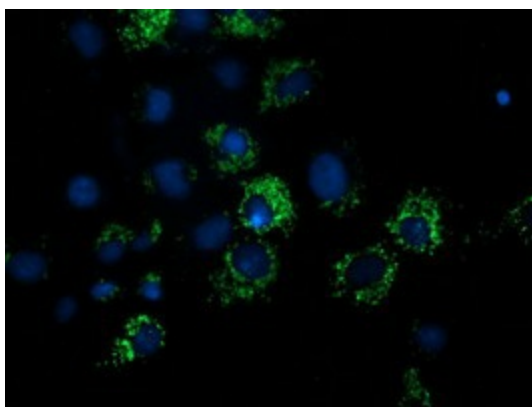


[View online »](#)

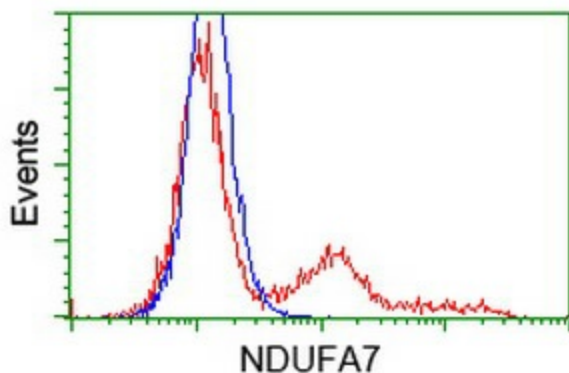
## Product images:



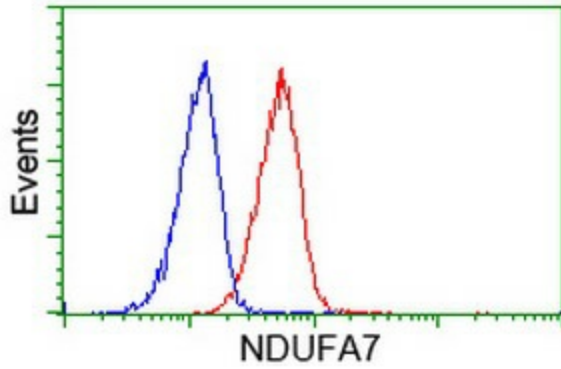
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NDUFA7 ([RC200534], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NDUFA7. Positive lysates [LY417603] (100ug) and [LC417603]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



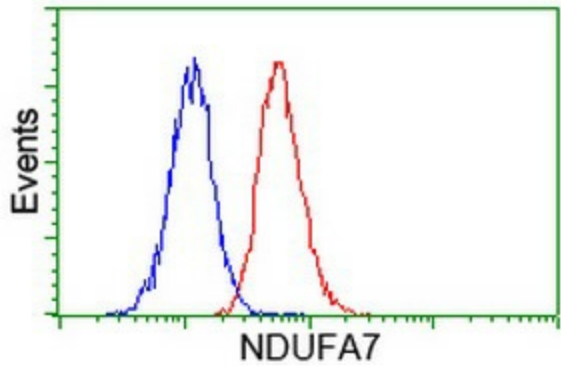
Anti-NDUFA7 mouse monoclonal antibody ([TA502657]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY NDUFA7 ([RC200534]).



HEK293T cells transfected with either [RC200534] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-NDUFA7 antibody ([TA502657]), and then analyzed by flow cytometry.



Flow cytometric Analysis of HeLa cells, using anti-NDUFA7 antibody ([TA502657]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-NDUFA7 antibody ([TA502657]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).