

Product datasheet for **CF810649**

NDUFB3 Mouse Monoclonal Antibody [Clone ID: OTI4B2]

Product data:

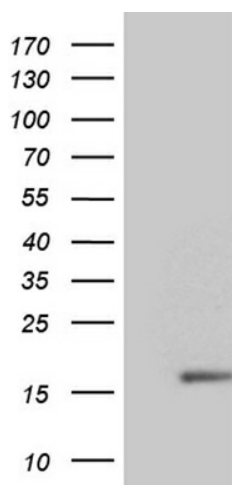
Product Type:	Primary Antibodies
Clone Name:	OTI4B2
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 2-98 of human NDUFB3 (NP_002482) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	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)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	11.2 kDa
Gene Name:	NADH:ubiquinone oxidoreductase subunit B3
Database Link:	NP_002482 Entrez Gene 4709 Human O43676
Synonyms:	B12; CI-B12
Protein Families:	Transmembrane



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Protein Pathways: Alzheimer's disease, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NDUFB3 ([RC201988], 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-NDUFB3 (1:500). Positive lysates [LY419291] (100ug) and [LC419291] (20ug) can be purchased separately from OriGene.