

Product datasheet for **CF502629**

NDUFB9 Mouse Monoclonal Antibody [Clone ID: OTI9B2]

Product data:

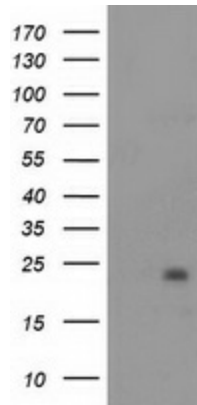
Product Type:	Primary Antibodies
Clone Name:	OTI9B2
Applications:	FC, WB
Recommended Dilution:	WB 1:500, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 3-179 of human NDUFB9 (NP_001893) 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:	21.7 kDa
Gene Name:	NADH:ubiquinone oxidoreductase subunit B9
Database Link:	NP_004996 Entrez Gene 66218 MouseEntrez Gene 299954 RatEntrez Gene 4715 Human Q9Y6M9
Synonyms:	B22; CI-B22; LYRM3; UQOR22



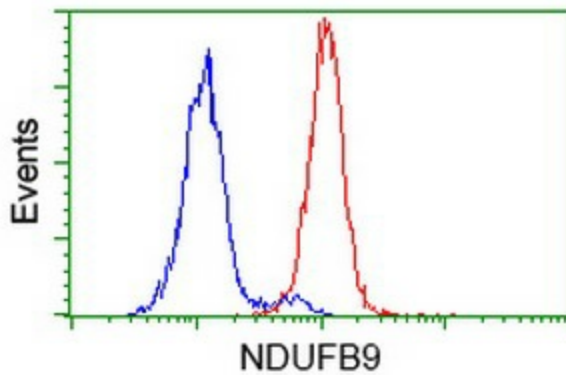
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Protein Pathways: Alzheimer's disease, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease

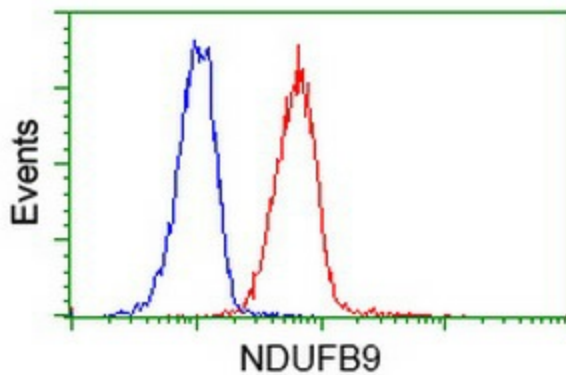
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NDUFB9 [RC200223], 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-NDUFB9. Positive lysates [LY417578] (100ug) and [LC417578] (20ug) can be purchased separately from OriGene.



Flow cytometric Analysis of HeLa cells, using anti-NDUFB9 antibody ([TA502629]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-NDUFB9 antibody ([TA502629]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).