

Product datasheet for **CF502553**

NDUFB9 Mouse Monoclonal Antibody [Clone ID: OTI4F8]

Product data:

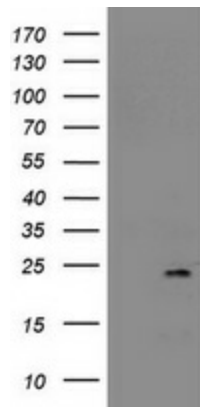
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|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI4F8 |
| Applications: | IHC, WB |
| Recommended Dilution: | WB 1:2000, IHC 1:500 |
| Reactivity: | Human, Dog, Rat, Mouse |
| Host: | Mouse |
| Isotype: | IgG1 |
| 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 475094 DogEntrez Gene 4715 Human Q9Y6M9 |
| Synonyms: | B22; CI-B22; LYRM3; UQOR22 |



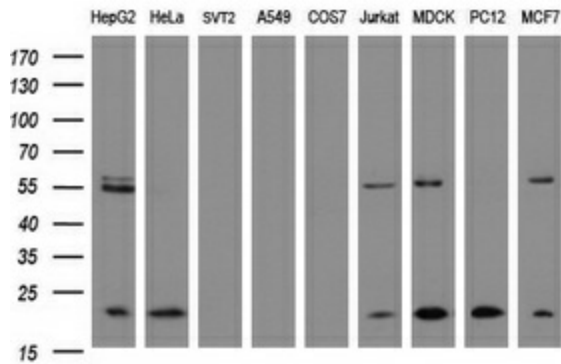
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Protein Pathways: Alzheimer's disease, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease

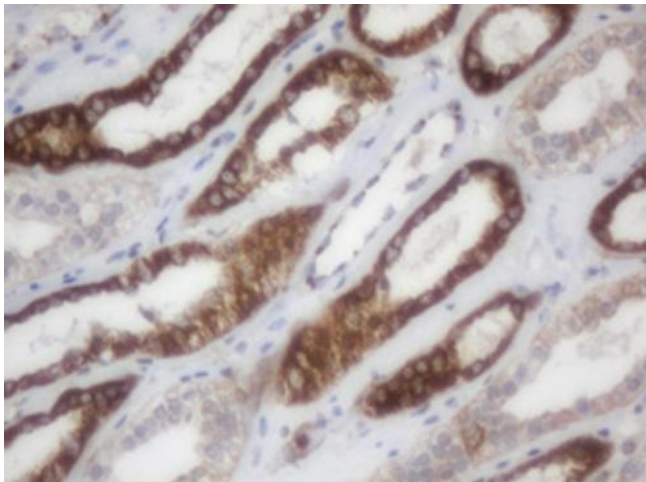
Product images:



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.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-NDUFB9 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-NDUFB9 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA502553])