

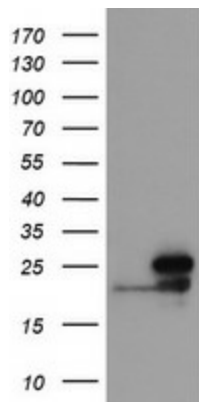
## Product datasheet for CF505172

### NDUFB10 Mouse Monoclonal Antibody [Clone ID: OTI5C12]

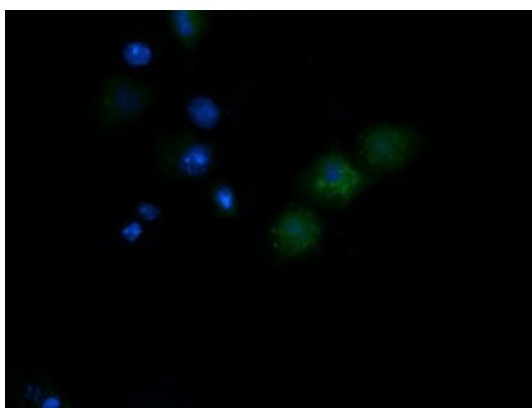
#### Product data:

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Clone Name:             | OTI5C12  |
| Applications:           | IF, WB   |
| Recommended Dilution:   | WB 1:2000, IF 1:100  |
| Reactivity:             | Human  |
| Host:                   | Mouse  |
| Isotype:                | IgG1   |
| Clonality:              | Monoclonal   |
| Immunogen:              | Full length human recombinant protein of human NDUFB10(NP_004539) 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: | 20.6 kDa   |
| Gene Name:              | NADH:ubiquinone oxidoreductase subunit B10   |
| Database Link:          | <a href="#">NP_004539</a><br><a href="#">Entrez Gene 4716 Human</a><br><a href="#">O96000</a>  |
| Synonyms:               | PDSW   |
| Protein Pathways:       | 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 NDUFB10 ([RC200526], 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-NDUFB10. Positive lysates [LY417917] (100ug) and [LC417917] (20ug) can be purchased separately from OriGene.



Anti-NDUFB10 mouse monoclonal antibody ([TA505172]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY NDUFB10 ([RC200526]).