

## NDUFB4 Conjugated Antibody

Catalog No: #C28365



Package Size: #C28365-AF350 100ul #C28365-AF405 100ul #C28365-AF488 100ul

#C28365-AF555 100ul #C28365-AF594 100ul #C28365-AF647 100ul

#C28365-AF680 100ul #C28365-AF750 100ul #C28365-Biotin 100ul

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## Description

|                       |                                                                                                                                                                              |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | NDUFB4 Conjugated Antibody                                                                                                                                                   |
| Host Species          | Rabbit                                                                                                                                                                       |
| Clonality             | Polyclonal                                                                                                                                                                   |
| Isotype               | IgG                                                                                                                                                                          |
| Purification          | Affinity purification                                                                                                                                                        |
| Applications          | most applications                                                                                                                                                            |
| Species Reactivity    | Hu,Ms,Rt                                                                                                                                                                     |
| Immunogen Description | Recombinant fusion protein of human NDUFB4 (NP_001161803.1).                                                                                                                 |
| Conjugates            | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750                                                                                                                       |
| Other Names           | NDUFB4; B15; CI-B15; NADH:ubiquinone oxidoreductase subunit B4                                                                                                               |
| Accession No.         | Swiss-Prot#:O95168NCBI Gene ID:4710                                                                                                                                          |
| Uniprot               | O95168                                                                                                                                                                       |
| GeneID                | 4710;                                                                                                                                                                        |
| Excitation Emission   | AF350: 346nm/442nm<br>AF405: 401nm/421nm<br>AF488: 493nm/519nm<br>AF555: 555nm/565nm<br>AF594: 591nm/614nm<br>AF647: 651nm/667nm<br>AF680: 679nm/702nm<br>AF750: 749nm/775nm |
| Calculated MW         | 15kDa                                                                                                                                                                        |
| Formulation           | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide                                                                                  |
| Storage               | Store at 4°C in dark for 6 months                                                                                                                                            |

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Background

This gene encodes a non-catalytic subunit of the multisubunit NADH:ubiquinone oxidoreductase, the first enzyme complex in the mitochondrial electron transport chain (complex I). Mammalian complex I is composed of 45 different subunits and transfers electrons from NADH to ubiquinone.

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Note: This product is for in vitro research use only