

## Anti-NDUFAF4 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A11650-1-Fluoro488

### About NDUFAF4

NADH:ubiquinone oxidoreductase complex assembly factor 4, (NDUFAF4) also known as Hormone-regulated proliferation-associated protein of 20 kDa, (HRPAP20) or C6orf66 is a protein that in humans is encoded by the NDUFAF4 gene. NADH:ubiquinone oxidoreductase (complex I) catalyzes the transfer of electrons from NADH to ubiquinone (coenzyme Q) in the first step of the mitochondrial respiratory chain, resulting in the translocation of protons across the inner mitochondrial membrane. This gene encodes a complex I assembly factor. Mutations in this gene are a cause of mitochondrial complex I deficiency.

### Overview

Product Name	Anti-NDUFAF4 Antibody Picoband® Fluoro488 Conjugated
Reactive Species	Human
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q9P032

### Technical Details

Immunogen	E.coli-derived human NDUFAF4 recombinant protein (Position: K24-K175).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

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