

## Anti-MIEF1 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A06887-1-Fluoro488

### About MIEF1

Mitochondrial dynamic protein MID51 (MID51) also known as mitochondrial elongation factor 1 (MIEF1) or Smith-Magenis syndrome chromosome region candidate gene 7 protein-like (SMCR7L) is a protein that in humans is encoded by the SMCR7L gene. The SMCR7L gene codes for a protein that has been called MiD51/MIEF1 and shown to regulate mitochondrial fission by interacting with the proteins Drp1 and FIS1.

### Overview

Product Name	Anti-MIEF1 Antibody Picoband® Fluoro488 Conjugated
Reactive Species	Human, Mouse, Rat
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	Q9NQG6

### Technical Details

Immunogen	E.coli-derived human MIEF1 recombinant protein (Position: S189-T463).
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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