

## Anti-PALMD Antibody Picoband® Fluoro594 Conjugated

Catalog Number: A11148-1-Fluoro594

### About PALMD

Palmdelphin, encoded by PALMD gene, is a newly identified cytosolic isoform of paralemmin-1, a lipid raft-associated protein implicated in cell shape control. Paralemmin (Palm) is a prenyl-palmitoyl anchored membrane protein that can drive membrane and process formation in neurons. Previous finding suggest that palmdelphin may peripherally associate with endomembranes or cytoskeleton-linked structures. Palmdelphin appears to be 80 kDa in Western blotting, larger than the predicated of 63 kDa, and this may be due to the acidic nature of this protein or its posttranslational modification.

### Overview

Product Name	Anti-PALMD Antibody Picoband® Fluoro594 Conjugated
Reactive Species	Human
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, WB). Customers may select suitable applications according to their experimental needs.
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	Q9NP74

### Technical Details

Immunogen	E.coli-derived human PALMD recombinant protein (Position: E181-L546).
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro594 Excitation Wavelength: 593 nm Emission Wavelength: 618 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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