

## Anti-PPEF1 Antibody Picoband® Fluoro647 Conjugated

Catalog Number: A11074-1-Fluoro647

### About PPEF1

Serine/threonine-protein phosphatase with EF-hands 1 is an enzyme that in humans is encoded by the PPEF1 gene. This gene encodes a member of the serine/threonine protein phosphatase with EF-hand motif family. The protein contains a protein phosphatase catalytic domain, and at least two EF-hand calcium-binding motifs in its C terminus. Although its substrate(s) is unknown, the encoded protein has been suggested to play a role in specific sensory neuron function and/or development. This gene shares high sequence similarity with the Drosophila retinal degeneration C (rdgC) gene. Several alternatively spliced transcript variants, each encoding a distinct isoform, have been described.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-PPEF1 Antibody Picoband® Fluoro647 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           | O14829   |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | E.coli-derived human PPEF1 recombinant protein (Position: H137-L652). Human PPEF1 shares 72.7% and 73.2% amino acid (aa) sequence identity with mouse and rat PPEF1, respectively. |
| Form                | Liquid   |
| Concentration       | 0.5 mg/mL  |
| Purification        | Immunogen affinity purified.   |
| Conjugate           | Fluoro647<br>Excitation Wavelength: 650 nm<br>Emission Wavelength: 665 nm  |
| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users.   |

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