

## Anti-Band 4.1-like protein 1 EPB41L1 Antibody Picoband® Fluoro550 Conjugated

Catalog Number: PA2266-Fluoro550

### About EPB41L1

Band 4.1-like protein 1 is a protein that in humans is encoded by the EPB41L1 gene. This gene is mapped to 20q11.23. It is found that a heterozygous missense mutation in the EPB41L1 gene causing nonsyndromic intellectual disability. This gene may function to confer stability and plasticity to neuronal membrane via multiple interactions, including the spectrin-actin-based cytoskeleton, integral membrane channels and membrane-associated guanylate kinases. EPB41L1 has been shown to interact with ITPR1, Dopamine receptor D2, Dopamine receptor D3, CENTG1 and Nuclear mitotic apparatus protein 1.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-Band 4.1-like protein 1 EPB41L1 Antibody Picoband® Fluoro550 Conjugated   |
| Reactive Species     | Human, Mouse, Rat  |
| Application          | Recommended applications are based on the parent unconjugated antibody (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           | Q9H4G0   |

### Technical Details

|                  |   |
|------------------|---|
| Immunogen        | A synthetic peptide corresponding to a sequence at the C-terminus of human EPB41L1, different from the related mouse and rat sequences by one amino acid. |
| Cross Reactivity | No cross-reactivity with other proteins   |
| Isotype          | Rabbit IgG  |
| Form             | Liquid  |
| Concentration    | 0.5 mg/mL   |
| Purification     | Immunogen affinity purified.  |
| Conjugate        | Fluoro550<br>Excitation Wavelength: 562 nm<br>Emission Wavelength: 576 nm   |

Suggested Dilutions

Optimal dilutions should be determined by end users.

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