

## Anti-LIS1/PAFAH1B1 Antibody Picoband® Fluoro647 Conjugated

Catalog Number: A01273-1-Fluoro647

### About PAFAH1B1

Platelet-activating factor acetylhydrolase IB subunit alpha is an enzyme that in humans is encoded by the PAFAH1B1 gene. This locus was identified as encoding a gene that when mutated or lost caused the lissencephaly associated with Miller-Dieker lissencephaly syndrome. This gene encodes the non-catalytic alpha subunit of the intracellular Ib isoform of platelet-activating factor acetylhydrolase, a heterotrimeric enzyme that specifically catalyzes the removal of the acetyl group at the SN-2 position of platelet-activating factor (identified as 1-O-alkyl-2-acetyl-sn-glycerol-3-phosphorylcholine). Two other isoforms of intracellular platelet-activating factor acetylhydrolase exist: one composed of multiple subunits, the other, a single subunit. In addition, a single-subunit isoform of this enzyme is found in serum.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-LIS1/PAFAH1B1 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% Na <sub>3</sub> N. |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.         |
| Host                 | Rabbit   |
| Uniprot ID           | P43034   |

### Technical Details

|                  |   |
|------------------|---|
| Immunogen        | E.coli-derived human LIS1/PAFAH1B1 recombinant protein (Position: I95-R410). Human PAFAH1B1 shares 100% amino acid (aa) sequence identity with both mouse and rat PAFAH1B1. |
| Cross Reactivity | No cross reactivity with other proteins.  |
| Isotype          | IgG   |
| 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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Anti-LIS1/PAFAH1B1 Antibody - Fluoro647

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