

## Anti-Drebrin/DBN1 Antibody Picoband® Fluoro594 Conjugated

Catalog Number: A05530-1-Fluoro594

### About DBN1

Drebrin is a protein that in humans is encoded by the DBN1 gene. The protein encoded by this gene is a cytoplasmic actin-binding protein thought to play a role in the process of neuronal growth. It is a member of the drebrin family of proteins that are developmentally regulated in the brain. A decrease in the amount of this protein in the brain has been implicated as a possible contributing factor in the pathogenesis of memory disturbance in Alzheimer's disease. At least two alternative splice variants encoding different protein isoforms have been described for this gene.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-Drebrin/DBN1 Antibody Picoband® Fluoro594 Conjugated  |
| Reactive Species     | Human, Monkey, 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           | Q16643   |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | E.coli-derived human Drebrin/DBN1 recombinant protein (Position: H9-D649). |
| Cross Reactivity    | No cross-reactivity with other proteins.                                   |
| Isotype             | Rabbit IgG   |
| Form                | Liquid   |
| Concentration       | 0.5 mg/mL  |
| Purification        | Immunogen affinity purified.   |
| Conjugate           | Fluoro594<br>Excitation Wavelength: 593 nm<br>Emission Wavelength: 618 nm  |
| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users.       |

## 1 Publications Citing This Product

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1. PubMed ID: 10.1016/j.tox.2017.04.001, The induction of cytochrome P450 2E1 by ethanol leads to the loss of synaptic proteins via PPARalpha down-regulation

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