

## Anti-Flotillin 2 Antibody Picoband® (monoclonal, 4D8A3) Biotin Conjugated

Catalog Number: M06107-2-Biotin

### About FLOT2

FLOT2 (Flotillin 2), also known as ESA1 or M17S1, is a protein that in humans is encoded by the FLOT2 gene. Schroeder et al. (1991) isolated a cDNA for an epidermal surface antigen believed to be involved in epidermal cell adhesion. By analysis of a somatic cell hybrid panel and in situ hybridization using the ESA cDNA, the gene was mapped to 17q11-q12 in the region containing the NF1 gene. Bickel et al. (1997) found that Flot2 consistently copurifies with Flot1 and with caveolin-1 in the purification of caveolin-rich membranes. Using a quantitative proteomic analysis of cultured neuronal stem cells, Li et al. (2012) found that palmitoylation and oligomerization of flotillin-2 was abolished in homozygous Dhhc5 mutant neuronal stem cells. The absolute amount of flotillin-2 was not changed in Dhhc5 mutant neurons.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-Flotillin 2 Antibody Picoband® (monoclonal, 4D8A3) Biotin Conjugated        |
| Reactive Species     | Human, Mouse, Rat  |
| Clonality            | Monoclonal 4D8A3   |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.            |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. |
| Host                 | Mouse  |
| Uniprot ID           | Q14254   |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | E.coli-derived human Flotillin 2 recombinant protein (Position: K169-K344). Human Flotillin 2 shares 100% amino acid (aa) sequence identity with both and rat Flotillin 2. |
| Cross Reactivity    | No cross-reactivity with other proteins.   |
| Isotype             | Mouse IgG2b  |
| Form                | Liquid   |
| Concentration       | 0.5 mg/mL  |
| Purification        | Immunogen affinity purified.   |
| Conjugate           | Biotin   |
| Suggested Dilutions | The intended application should be selected according to the customer's experimental   |

requirements.

## Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Flotillin 2 Antibody (monoclonal, 4D8A3) - Biotin

For Research Use Only. Not for use in diagnostic procedures.