

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Flotillin-2 (R144) Peptide

Cat No.: BS2878P

Background

Flotillins belong to a family of lipid raft-associated integral membrane proteins that carry a evolutionarily conserved domain called the prohibitin homology domain (PHB). Flotillin members are ubiquitously expressed and located to non-caveolar microdomains (lipid rafts) on the cell plasma membrane where they support signal transduction and regulate lipid raft motility and localization. Two flotillin members have been described, flotillin-1 and flotillin-2. In addition to its colocalization with lipid rafts on the plasma membrane, flotillin-1 also has been found at compartments of the endocytic and autophagosomal pathways, such as recycling/late endosomes, the Golgi complex, as well as the nucleus. Flotillin-2 is mainly localized to the plasma membrane and is prevalent in cell-cell contact sites. However, overexpressed flotillin-2 has also been found in the late endosome. Both flotillin-1 and flotillin-2 are commonly used as lipid raft associated markers.

Swiss-Prot

Q14254

Applications

Blocking

Specificity

This peptide can be used with studies using BS2878 Flotillin-2 (R144) pAb.

Purification & Purity

Synthetic peptide Flotillin-2 (R144). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.