

Code No. 18951

**Anti-Mouse/Rat  
Flotillin-1 (C) Rabbit IgG Affinity Purify**Volume : 100 µg

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**Introduction** : Raft is rich in sphingo-glycolipids and cholesterol, it is advocated as a membrane domain which participates in protein sorting, and it is known that many signal transduction molecules are gathering there. It is difficult to distinguish catch and identify Raft protein, unlike Caveole which is another micro domain of membrane, because the protein moves continuously on a cell membrane, and because the size and the structure of the protein are labile. For this reason, the marker specific to Raft was required in order to identify. Flotillin is the composition ingredient of Raft and the possibility as a marker of Raft is suggested.

**Antigen** : Synthetic peptide of the C-terminal part of the common site of rat and mouse Flotillin-1 (SQVNHNKPLRTA)

**Purification** : Purified with antigen peptide

**Form** : Lyophilized product from 1 % BSA in PBS containing 0.05 % NaN<sub>3</sub>

**How to use** : 1.0 mL deionized water will be added to the product (the conc. comes up 100 µg /mL).

**Stability** : Lyophilized product, 5 years at 2 - 8 °C  
: Solution, 2 years at -20 °C

**Application** : This antibody can be used for immunohistochemistry with formalin fixed paraffin embedded tissues after microwave pretreatment (10 min, 10mM Citrate Buffer, pH 6.0) by several techniques such as Avidin Biotin Complex (ABC) Method. The optimal concentration is about 2 µg/mL, however, the concentration should be optimized by each laboratory.  
: This antibody can be used for western blotting in concentration of about 2 µg /mL.

**Specificity** : Reacts with rat, mouse and human Flotillin-1 (Confirmed by western blotting and Immunohistochemistry)

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