

### 39-1005: Anti-BIN1 Monoclonal Antibody (Clone: 99D)(Discontinued)

|                                |   |
|--------------------------------|---|
| <b>Clonality :</b>             | Monoclonal  |
| <b>Clone Name :</b>            | 99D   |
| <b>Application :</b>           | ICC,WB  |
| <b>Reactivity :</b>            | Rat,Mouse,Human   |
| <b>Gene :</b>                  | BIN1  |
| <b>Gene ID :</b>               | 274   |
| <b>Uniprot ID :</b>            | O00499  |
| <b>Alternative Name :</b>      | Amphiphysin II, Amphiphysin-like protein, Box-dependent myc-interacting protein 1, Bridging integrator 1, AMPHL |
| <b>Isotype :</b>               | Mouse IgG2b   |
| <b>Immunogen Information :</b> | Recombinant polypeptide containing amino acids 189-398 of human Bin1.   |

### Description

BIN1(AMPH2) is a novel human gene product with features of a tumor suppressor protein. BIN1 gene to chromosome 2q14. Loss of BIN1 expression appears to be a frequent aberration in human hepatocellular carcinomas . mutations in BIN1 cause centronuclear myopathy by interfering with remodeling of T tubules and/or endocytic membranes, and that the functional interaction between BIN1 and DNM2 is necessary for normal muscle function and positioning of nuclei.

### Product Info

|                            |  |
|----------------------------|--|
| <b>Amount :</b>            | 100 µg/vial  |
| <b>Purification :</b>      | Ascites  |
| <b>Content :</b>           | Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN <sub>3</sub> as preservative.<br>Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml. |
| <b>Storage condition :</b> | At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.  |

### Application Note

Western blot : 0.25µg/ml; Immunohistochemistry(Frozen Section) : 0.5µg/ml; Immunocytochemistry : 1µg/ml

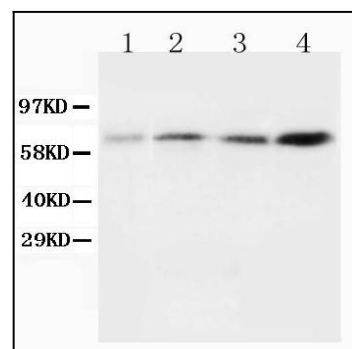


Figure 1: Anti-BIN1 monoclonal antibody(39-1005) .Western blotting : Lane 1: Rat Brain Tissue Lysate, Lane 2: Rat Skeletal Muscle Tissue Lysate, Lane 3: Rat Heart Tissue Lysate, Lane 4: Rat Kidney Tissue Lysate.