

## Mouse Monoclonal anti Human HOMER1

### ORDERING INFORMATION

|                      |                                 |
|----------------------|---------------------------------|
| <b>Catalog No:</b>   | <b>hAP-1018</b>                 |
| <b>Size:</b>         | <b>100µg</b>                    |
| <b>Storage:</b>      | <b>&lt;-20°C</b>                |
| <b>Immunogen:</b>    | <b>Recombinant human HOMER1</b> |
| <b>Ig Type:</b>      | <b>Mouse IgG1</b>               |
| <b>Clone:</b>        | <b>MM1018-4Q19</b>              |
| <b>Applications:</b> | <b>WB</b>                       |

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells) from a mouse immunized with recombinant human HOMER1. HOMER1 is an 48kDa cytoplasmic protein that regulates the cell surface localization of neuronal mGluR1 and mGluR5 metabotropic glutamate receptors.

**Formulation and Storage:** The IgG fraction of culture supernatant was purified by Protein G affinity chromatography and lyophilized from a 0.2µm filtered solution in phosphate-buffered saline (PBS). Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

**Reconstitution:** Reconstitute the antibody with 500µl sterile PBS and the final concentration is 200µg/ml. Reconstituted antibody can also be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

**Specificity:** This antibody recognizes human HOMER1 in direct ELISAs and WBs. It cross reacts with mouse and rat HOMER1 in WBs.

### *Applications:*

|    |    |     |             |
|----|----|-----|-------------|
| 1. | WB | Yes | 1:1000-2000 |
|----|----|-----|-------------|

**Final dilutions should be optimized by the end users and the dilutions provided in the data sheet are for reference only.**  
**This Product is For Research Use Only**