

## Anti-Phospho-CaMKII Beta/Gamma/Delta antibody [4H2] (STJ97535)

STJ97535

### GENERAL INFORMATION

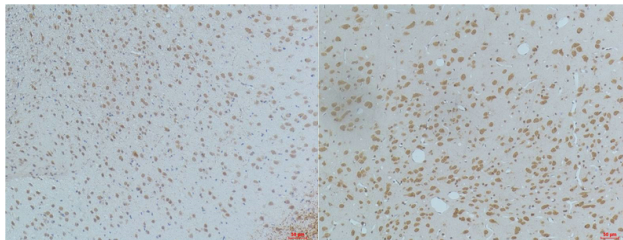
|                          |                                                                                                                                                                                                                                                            |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Type</b>      | Primary antibodies                                                                                                                                                                                                                                         |
| <b>Short Description</b> | Mouse monoclonal antibody anti-Phospho-Calcium/calmodulin-dependent protein kinase type II subunit beta and Calcium/calmodulin-dependent protein kinase type II subunit gamma and Calcium/calmodulin-dependent protein kinase type II subunit delta is sui |
| <b>Applications</b>      | IHC-P, IF-P                                                                                                                                                                                                                                                |
| <b>Host/Source</b>       | Mouse                                                                                                                                                                                                                                                      |
| <b>Reactivity</b>        | Human, Rat, Mouse                                                                                                                                                                                                                                          |

### PRODUCT PROPERTIES

|                            |                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>           | Monoclonal                                                                                                             |
| <b>Clone ID</b>            | 4H2                                                                                                                    |
| <b>Concentration</b>       | 1 mg/mL                                                                                                                |
| <b>Conjugation</b>         | Unconjugated                                                                                                           |
| <b>Purification</b>        | The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads. |
| <b>Dilution Range</b>      | IHC 1:100-200                                                                                                          |
| <b>Formulation</b>         | PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.                                                                    |
| <b>Isotype</b>             | IgG1                                                                                                                   |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                         |

### TARGET INFORMATION

|                           |                                                                                                                                                                                                                                                                    |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | <a href="#">816</a><br><a href="#">818</a><br><a href="#">817</a><br><a href="#">CAMK2B</a><br><a href="#">CAMK2G</a><br><a href="#">KCC2B_HUMAN</a><br><a href="#">KCC2G_HUMAN</a><br><a href="#">KCC2D_HUMAN</a>                                                 |
| <b>Immunogen</b>          | Synthetic peptide of CaMKII Beta/Gamma/Delta (Phospho Thr287)                                                                                                                                                                                                      |
| <b>Immunogen Region</b>   |                                                                                                                                                                                                                                                                    |
| <b>Specificity</b>        | Phospho-CaMKII Beta/Gamma/Delta monoclonal antibody (Calcium/calmodulin-dependent protein kinase type II subunit beta and Calcium/calmodulin-dependent protein kinase type II subunit gamma and Calcium/calmodulin-dependent protein kinase type II subunit delta) |
| <b>Immunogen Sequence</b> |                                                                                                                                                                                                                                                                    |



Immunohistochemical analysis of paraffin-embedded Mouse Brain Tissue using CaMKII Beta/Gamma/Delta (Phospho Thr287) Mouse mAb diluted at 1:200.

Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using CaMKII Beta/Gamma/Delta (Phospho Thr287) (mAb diluted at 1:200).

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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