

## GSK3Beta mouse Monoclonal Antibody(4D2)

### Description

|                         |   |
|-------------------------|---|
| Product type            | Primary Antibody                                  |
| Code                    | BT-MCA0639  |
| Host                    | Mouse   |
| Isotype                 | IgG   |
| Size                    | 20ul, 50ul, 100ul                                 |
| Immunogen               | Synthetic Peptide of GSK3Beta at AA range of 1-80 |
| Mol wt                  | N/A   |
| Species reactivity      | Human,Rat,Mouse                                   |
| Clonality               | Monoclonal  |
| Recommended application | WB, IHC-p, IF                                     |
| Concentration           | 1 mg/ml   |
| Full name               | GSK3B   |
| Synonyms                | GSK3B   |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

The protein encoded by this gene is a serine-threonine kinase, belonging to the glycogen synthase kinase subfamily. It is involved in energy metabolism, neuronal cell development, and body pattern formation. Polymorphisms in this gene have been implicated in modifying risk of Parkinson disease, and studies in mice show that overexpression of this gene may be relevant to the pathogenesis of Alzheimer disease. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

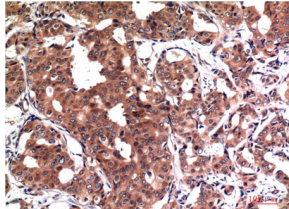
### Recommended Dilution

IHC: 1:100-200

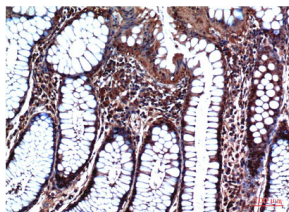
WB: 1:1000-2000

Not yet tested in other applications.

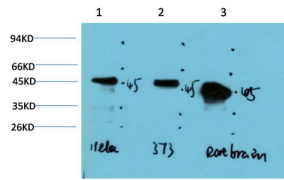
### Images



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using GSK3Beta Mouse Monoclonal antibody diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Stomach Carcinoma Tissue using GSK3Beta Mouse Monoclonal antibody diluted at 1:200.



Western blot analysis of 1) HeLa Cell Lysate, 2) 3T3 Cell Lysate, 3) Rat Brain Tissue Lysate using GSK3Beta Mouse Monoclonal antibody diluted at 1:1000.

### Storage

-20°C for one year

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