

## GSK3 Alpha Monoclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-MCA0635
<b>Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Size</b>	50ul, 100ul
<b>Immunogen</b>	Purified recombinant fragment of GSK3 $\alpha$ expressed in E. Coli.
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Glycogen synthase kinase-3 alpha
<b>Synonyms</b>	GSK3A; Glycogen synthase kinase-3 alpha; GSK-3 alpha; Serine; threonine-protein kinase GSK3A

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

### Background

This gene encodes a multifunctional Ser/Thr protein kinase that is implicated in the control of several regulatory proteins including glycogen synthase, and transcription factors, such as JUN. It also plays a role in the WNT and PI3K signaling pathways, as well as regulates the production of beta-amyloid peptides associated with Alzheimer's disease.

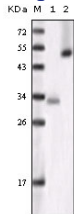
### Recommended Dilution

ELISA: 1:10000

WB: 1:500 - 1:2000

Not yet tested in other applications.

### Images



Western Blot analysis using GSK3Alpha Monoclonal antibody against truncated GSK3 alpha recombinant protein (1) and HeLa cell lysate (2).

### Storage

-20°C for one year