

GSK3 Alpha Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0634
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of GSK3 α expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Glycogen synthase kinase-3 alpha
Synonyms	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

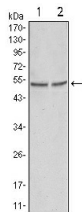
ELISA: 1:10000

IF: 1:200 - 1:1000

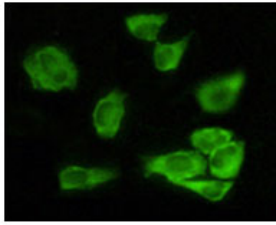
WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using GSK3Alpha Monoclonal antibody against HeLa (1) and PC-3 cell lysate.



Immunofluorescence analysis of HeLa cells using GSK3Alpha Monoclonal antibody showing cytoplasmic localization.

Storage

-20°C for one year

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