

GSK3 Alpha Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0633
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, IHC-p, IF, 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

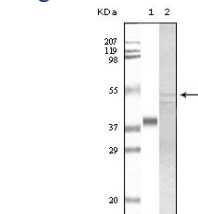
ELISA: 1:10000

IHC: 1:200 - 1:1000

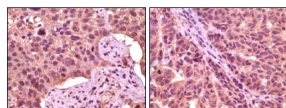
WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using GSK3Alpha Monoclonal antibody against truncated GSK3 alpha recombinant protein (1) and A549 cell lysate (2).



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma (left) and skin carcinoma (right), showing cytoplasmic localization with DAB staining using GSK3Alpha Monoclonal antibody.

Storage

-20°C for one year