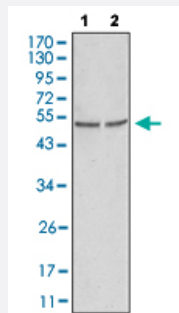


GSK3A monoclonal antibody, clone 9D5G1

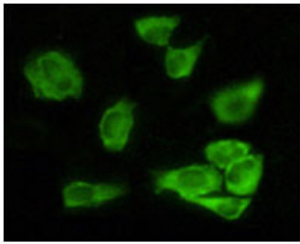
Catalog # MAB15269 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of Line 1: HeLa and Line 2: PC-3 cell lysate.



Immunofluorescence

Immunofluorescence staining of HeLa cells using GSK3A monoclonal antibody, clone 9D5G1 (Green) showing cytoplasmic localization.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human GSK3A.
Immunogen	Recombinant protein corresponding to human GSK3A.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Affinity purification

Recommend Usage	ELISA (1:10000) Immunofluorescence (1:200-1:1000) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascitic fluid (0.03% sodium azide).
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of Line 1: HeLa and Line 2: PC-3 cell lysate.

- Immunofluorescence

Immunofluorescence staining of HeLa cells using GSK3A monoclonal antibody, clone 9D5G1 (Green) showing cytoplasmic localization.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — GSK3A

Entrez GeneID	2931
Protein Accession#	P49840
Gene Name	GSK3A
Gene Alias	DKFZp686D0638
Gene Description	glycogen synthase kinase 3 alpha
Omim ID	606784
Gene Ontology	Hyperlink
Gene Summary	Glycogen synthase kinase 3-alpha (GSK3A; EC {2.7.1.37}) is a multifunctional protein serine kinase, homologous to Drosophila 'shaggy' (zeste-white3) and implicated in the control of several regulatory proteins including glycogen synthase (see GYS1, {138570}) and transcription factors (e.g., JUN, {165160}). It also plays a role in the WNT ({164820}) and PI3K (see PIK3CG, {601232}) signaling pathways (see review by {1:Ali et al. (2001)}). [supplied by OMIM]

Other Designations

-

Pathway

- [Chemokine signaling pathway](#)

Disease

- [Cognition](#)
- [Coronary Disease](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Weight Gain](#)