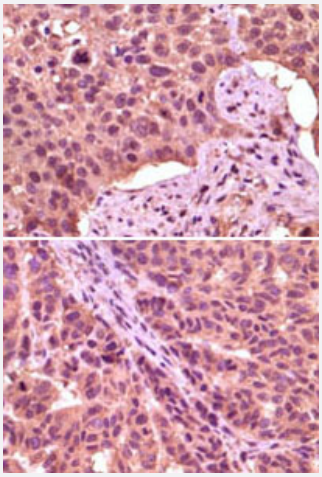
GSK3A monoclonal antibody, clone 6G2F1

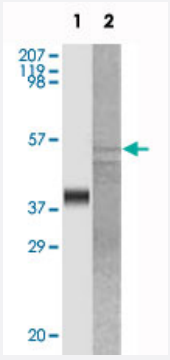
Catalog # MAB10671 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human lung carcinoma (upper) and skin carcinoma (bottom) , showing cytoplasmic localization using GSK3A monoclonal antibody, clone 6G2F1 (Cat # MAB10671) with DAB staining.



Western Blot

Western blot analysis using GSK3A monoclonal antibody, clone 6G2F1 (Cat # MAB10671) against truncated GSK3A recombinant protein (1) and A-549 cell lysate (2) .

Specification

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

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Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry (1:200-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (0.03% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical analysis of paraffin-embedded human lung carcinoma (upper) and skin carcinoma (bottom) , showing cytoplasmic localization using GSK3A monoclonal antibody, clone 6G2F1 (Cat # MAB10671) with DAB staining.

- Enzyme-linked Immunoabsorbent Assay

- Western Blot

  Western blot analysis using GSK3A monoclonal antibody, clone 6G2F1 (Cat # MAB10671) against truncated GSK3A recombinant protein (1) and A-549 cell lysate (2) .

Gene Info — GSK3A

Entrez GeneID	2931
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 kina se, homologous to Drosophila 'shaggy' (zeste-white3) and implicated in the control of several reg ulatory 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}) sig naling pathways (see review by {1:Ali et al. (2001)}).[supplied by OMIM

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Other Designations	-

Pathway

- Chemokine signaling pathway

Disease

- Cognition
- Coronary Disease
- Genetic Predisposition to Disease
- Schizophrenia
- Schizophrenic Psychology
- Weight Gain

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