

Anti-GSK3B antibody [3D10] (STJ98120)

STJ98120

GENERAL INFORMATION

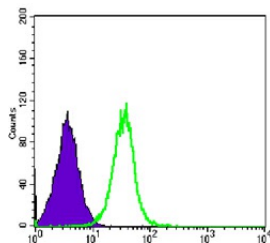
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Glycogen Synthase Kinase-3 Beta is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Flow Cytometry and ELISA research applications.
Applications	WB, IHC-P, IF, ICC, FC, ELISA
Host/Source	Mouse
Reactivity	Human, Mouse, Rat, Monkey

PRODUCT PROPERTIES

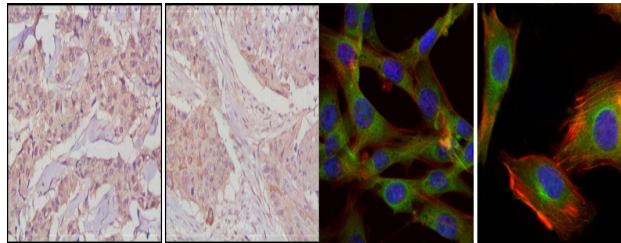
Clonality	Monoclonal
Clone ID	3D10
Concentration	
Conjugation	Unconjugated
Purification	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution Range	WB 1:500-1:2000 IHC 1:200-1:1000 IF 1:200-1:1000 FC 1:200-1:400 ELISA 1:10000
Formulation	Ascitic fluid, 0.03% Sodium Azide, 0.5% BSA, 50% Glycerol.
Isotype	IgG2a
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	2932
Gene Symbol	GSK3B
Uniprot ID	GSK3B_HUMAN
Immunogen	Purified recombinant fragment of human GSK3 Beta expressed in E.coli.
Immunogen Region	
Specificity	GSK3B monoclonal antibody (Glycogen Synthase Kinase-3 Beta) binds to endogenous Glycogen Synthase Kinase-3 Beta.
Immunogen Sequence	

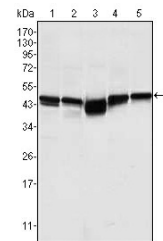


Flow cytometric analysis of HeLa cells using GSK3 Beta monoclonal antibody (green) and negative control (purple).



Immunohistochemistry analysis of paraffin-embedded human lung cancer (left) and breast cancer tissues (right) with DAB staining using GSK3 Beta monoclonal antibody.

Immunofluorescence analysis of NIH/3T3 (left) and U251 (right) cells using GSK3 Beta monoclonal antibody (green), Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Western blot analysis using GSK3 Beta monoclonal antibody against A549 (1), K562 (2), PC-12 (3), NIH/3T3 (4), and HEK293 (5) cell lysate.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081