

Anti-Phospho-GSK3B-S9 antibody [S3MR] (STJ11102623)
STJ11102623

GENERAL INFORMATION

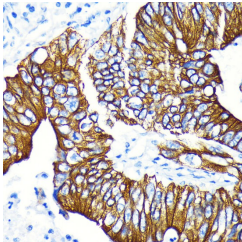
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

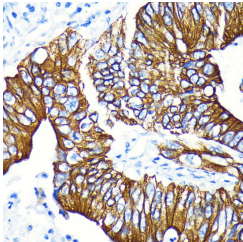
Clonality	Monoclonal
Clone ID	S3MR
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

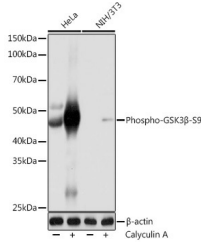
Gene ID	2932
Gene Symbol	GSK3B
Uniprot ID	GSK3B_HUMAN
Immunogen	TTSFa
Immunogen Region	
Specificity	A synthetic phosphorylated peptide around S9 of human GSK3 beta (P49841).
Immunogen Sequence	TTSFa



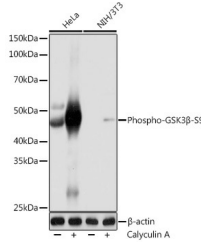
Western blot analysis of extracts of various cell lines, using Phospho-GSK3 Beta-S9 rabbit monoclonal antibody (STJ11102623) at 1:1000 dilution. HeLa and NIH/3T3 cells were treated by Calyculin A (100 nM) at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using Phospho-GSK3 Beta-S9 antibody (STJ11102623) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry of paraffin-embedded human colon carcinoma using Phospho-GSK3 Beta-S9 antibody (STJ11102623) at dilution of 1:100 (40x lens).



Western blot analysis of extracts of various cell lines, using Phospho-GSK3 Beta-S9 Rabbit monoclonal antibody (STJ11102623) at 1:1000 dilution. HeLa and NIH/3T3 cells were treated by Calyculin A (100 nM) at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.