

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

GENERAL INFORMATION

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

PRODUCT PROPERTIES

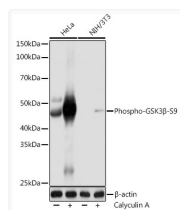
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 47kDa Observed Mw: 46kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

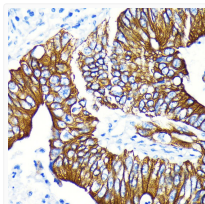
Gene ID	2932
Gene Symbol	GSK3B
UniProt ID	GSK3B_HUMAN
Immunogen Sequence	TTSFA
Specificity	A synthetic phosphorylated peptide around S9 of human GSK3 beta (P49841).

ADDITIONAL INFORMATION

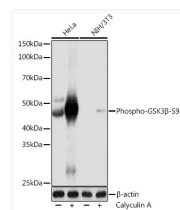
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



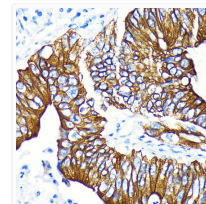
Western blot analysis of various lysates using Phospho-GSK3β-S9 Rabbit mAb (STJ11102623) at 1:1000 dilution incubated overnight at 4 °C. HeLa and NIH/3T3 cells were treated by Calyculin A (100 nM) at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) 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.



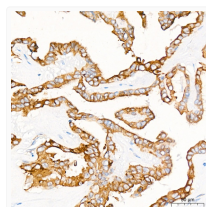
Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using Phospho-GSK3β-S9 Rabbit mAb (STJ11102623) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to immunohistochemistry staining.



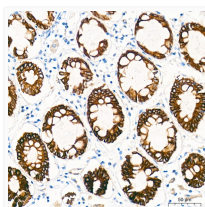
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Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using Phospho-GSK3β-S9 Rabbit mAb (STJ11102623) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer tissue using Phospho-GSK3β-S9 Rabbit mAb (STJ11102623) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Human colon tissue using Phospho-GSK3β-S9 Rabbit mAb (STJ11102623) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to immunohistochemistry staining.