

GSK3 β (Phospho-Ser9) Rabbit mAb

Catalog No: #14237



Package Size: #14237-1 50ul #14237-2 100ul

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Description

Product Name	GSK3 β (Phospho-Ser9) Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB;IHC;IF
Species Reactivity	Human
Specificity	Phospho-GSK3 beta (Ser9) Antibody detects endogenous levels of total Phospho-GSK3 beta (Ser9)
Immunogen Description	A synthesized peptide derived from human Phospho-GSK3 beta (Ser9)
Conjugates	Unconjugated
Other Names	glycogen synthase kinase 3 beta; GSK-3 beta; GSK3B; GSK3beta isoform;
Accession No.	P49841
Calculated MW	47 kDa
SDS-PAGE MW	46 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

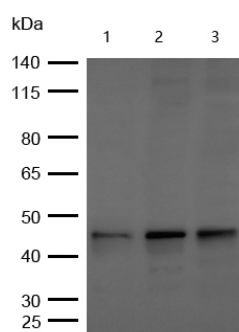
Application Details

WB:1:5000~1:10000

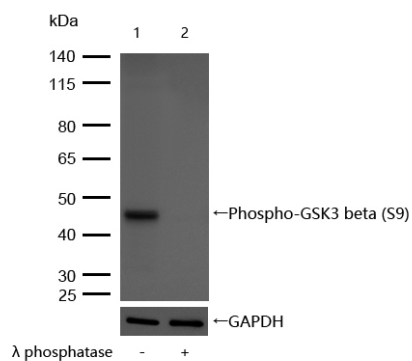
IHC:1:50~1:200

IF:1:50~1:200

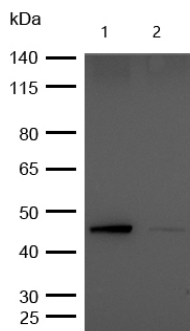
Images



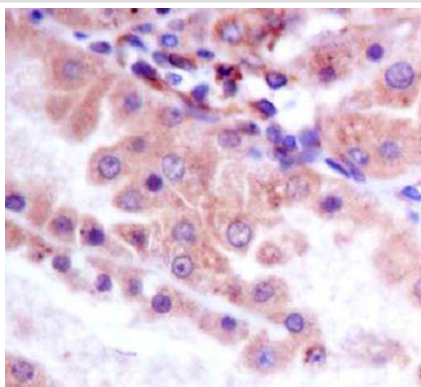
All lanes : Phospho-GSK3 beta (S9) Rabbit mAb at 1/1k dilution Lane 1 : Hela whole cell lysates Lane 2 : 293T whole cell lysates Lane 3 : MCF7 whole cell lysates
Lysates/proteins at 20 μ g per lane. Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
Predicted band size: 47 kDa Observed band size: 46 kDa
Exposure time: 7 seconds



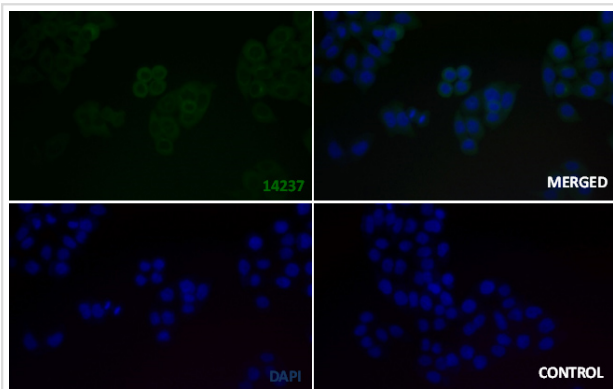
All lanes : Phospho-GSK3 beta (S9) Rabbit mAb at 1/1k dilution Lane 1 : 293T whole cell lysates Lane 2 : 293T treated with Lambda Protein Phosphatase for 30min whole cell lysates Lysates/proteins at 20 µg per lane. Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution Predicted band size: 47 kDa Observed band size: 46 kDa Exposure time: 3 seconds



All lanes : Phospho-GSK3 beta (S9) Rabbit mAb at 1/1k dilution Lane 1 : Wild-type HeLa cell lysate Lane 2 : Phospho-GSK3 beta (S9) knockdown HeLa cell lysate Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human kidney tissue stained for Phospho-GSK3 beta (S9) using 14237 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence p-GSK3 beta (S9) antibody (14237) 14237 staining p-GSK3 beta (S9) in the HeLa cell line by ICC/IF. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100. Samples were incubated with 14237 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500. The negative control is shown in bottom right hand panel - for the negative control, purified 14237 was used at a dilution of 1/100 followed by Alexa FluorB 647 goat anti- rabbit antibody at a dilution of 1/500. Nuclei were counterstained with DAPI.

Product Description

GSK3B a proline-directed protein kinase of the GSK family. Phosphorylates and inactivates glycogen synthase. Participates in the Wnt signaling pathway. Involved in energy metabolism, neuronal cell development, and body pattern formation.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.