# Recombinant Phospho-GSK3 beta (Ser9) Monoclonal Antibody

## Description

This Recombinant Phospho-GSK3 beta (Ser9) Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Product Information

| | |
|---|---|
| **SKU:** | AGEL5423 |
| **Contents:** | Recombinant Phospho-GSK3 beta (Ser9) Monoclonal Antibody (50 µL, 100 µL)<br>Bradford Reagent: 1 vial (2ml) |
| **Clone:** | C210104 |
| **Applications:** | WB, IHC, IF, ELISA |
| **Reactivity:** | Human, Mouse |

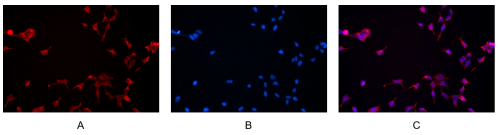
## Antibody Data

| | |
|---|---|
| **Uniprot ID:** | P49841, Q9WV60, P18266 |
| **Size:** | 50 µL, 100 µL |
| **Host Species:** | Rabbit |
| **Isotype:** | Rabbit IgG |
| **Conjugation:** | Unconjugated |
| **Buffer:** | 0.2 µm filtered solution in PBS |

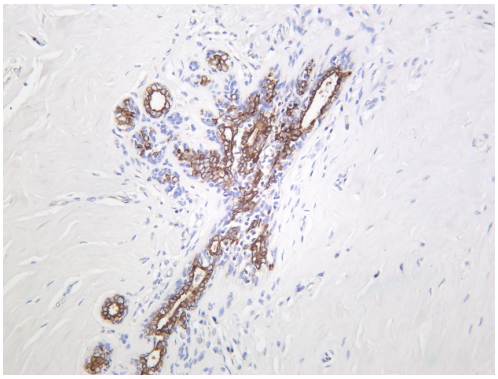
## Preparation & Storage

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|---|---|
| **Storage:** | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. Store Bradford Reagent at Room Temperature for 1 Year. |
| **Shipping:** | Gel Pack |
| **Preparation:** | IHC 1:200-1000, WB 1:1000-5000, IF 1:200-1000, ELISA 1:5000-20000 |
| **Protein Quantification (Optional):** | To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol |
| **Notes:** | Centrifuge before opening to ensure complete recovery of vial contents. |

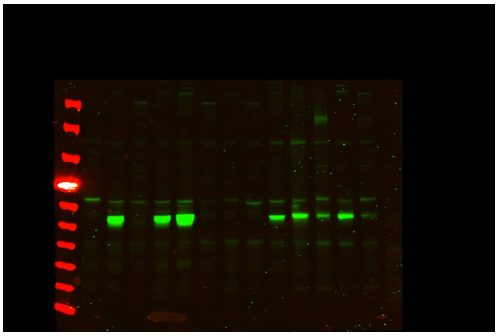
## Validation Data



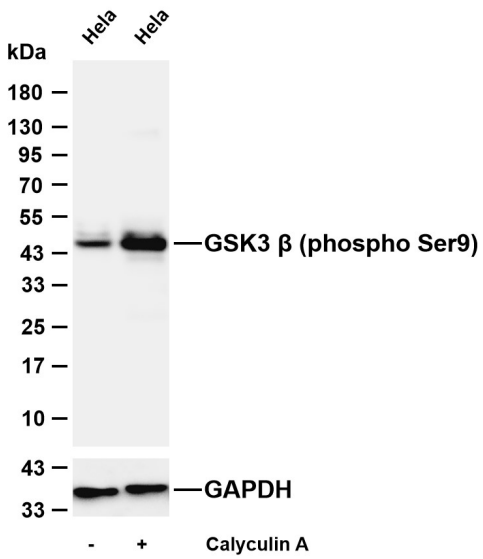

Human breast carcinoma was stained with Anti-GSK3 β (phospho Ser9) rabbit antibody



Human breast carcinoma was stained with Anti-GSK3 β (phospho Ser9) rabbit antibody



Various whole cell lysates were separated by 4-20% SDS- 4℃ PAGE, and the primary antibody was used at over night with a 1:2500 dilution. The Dylight 800-conjugated Goat anti-Rabbit antibody was used to detect the antibody. Lane1: HL60 cell Lane2: HUVEC cell Lane3: Human CAF Lane4: HCT116 Lane5: A549 Lane6: Jurkat Lane7: HT22 Lane8: THP-1 Lane9: HK-2 Lane10: PC-12 Lane11: 3T3-L1 Lane12: PC-3 Lane13: U-14 Lane14: 293F Predicted band size: 46kDa Observed band size: 46kDa




Various whole cell lysates were separated by 4-20% SDS- PAGE, and the membrane was blotted with anti-GSK3 β (phospho Ser9) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: Hela Lane 2: Hela starved of serum overnight and then treated with 20% fetal bovine serum and Calyculin A (100 nM) for 15 minutes Predicted band size: 46kDa Observed band size: 46kDa Immunofluorescence analysis of HEK293. Picture A: GSK3 β (Phospho Ser9) antibody (red). Picture B: DAPI (blue). Picture C: Merge of A+B

**Manufacturers Statement**

This final kit system is assembled and quality-released by Assay Genie Limited.