

KD-Validated Anti-Phospho-GSK3 (alpha + beta)(Y216 + Y279) Rabbit Monoclonal Antibody**Rabbit monoclonal antibody**
Catalog # AGI1436**Specification**

KD-Validated Anti-Phospho-GSK3 (alpha + beta)(Y216 + Y279) Rabbit Monoclonal Antibody - Product Information

Application	WB, FC, ICC
Primary Accession	P49840/P49841
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 51 kDa, observed, 46,51 kDa
Gene Name	GSK3A
Aliases	GSK3A; Glycogen Synthase Kinase 3 Alpha; Serine/Threonine-Protein Kinase GSK3A; Glycogen Synthase Kinase-3 Alpha; EC 2.7.11.26; GSK-3 Alpha; EC 2.7.11.1; EC 2.7.11; Glycogen Synthase Kinase 3 Beta; Serine/Threonine-Protein Kinase GSK3B; Glycogen Synthase Kinase-3 Beta; EC 2.7.11.26; GSK-3 Beta; EC 2.7.11.1; EC 2.7.11
Immunogen	A synthesized peptide derived from human Phospho-GSK3 (alpha + beta)(Y216 + Y279)

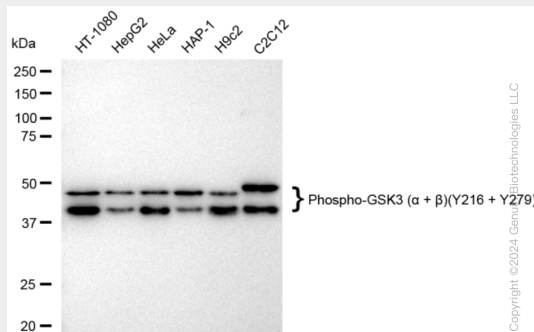
KD-Validated Anti-Phospho-GSK3 (alpha + beta)(Y216 + Y279) Rabbit Monoclonal Antibody - Additional Information**KD-Validated Anti-Phospho-GSK3 (alpha + beta)(Y216 + Y279) Rabbit Monoclonal Antibody - Protein Information****KD-Validated Anti-Phospho-GSK3 (alpha + beta)(Y216 + Y279) Rabbit Monoclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

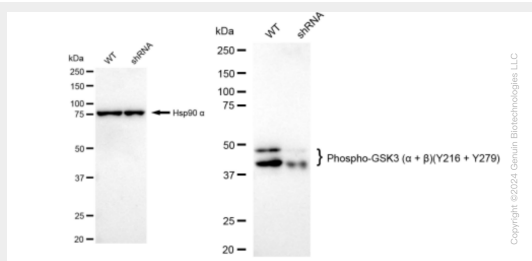
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

- [Flow Cytometry](#)
- [Cell Culture](#)

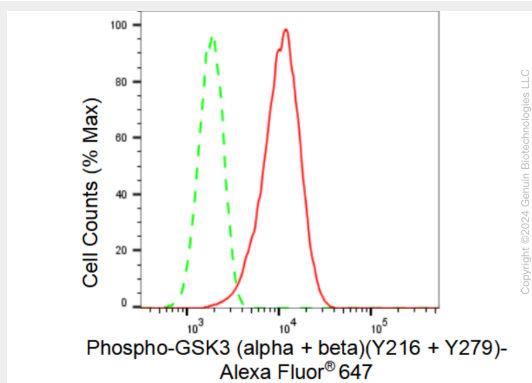
KD-Validated Anti-Phospho-GSK3 (alpha + beta)(Y216 + Y279) Rabbit Monoclonal Antibody - Images



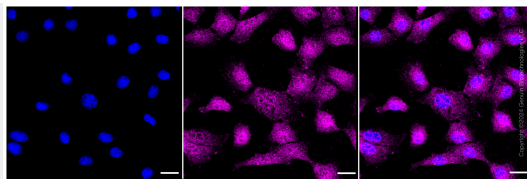
Western blotting analysis using anti-Phospho-GSK3 (alpha + beta)(Y216 + Y279) antibody (Cat#AGI1436). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Phospho-GSK3 (alpha + beta)(Y216 + Y279) antibody (Cat#AGI1436, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-Phospho-GSK3 (alpha + beta)(Y216 + Y279) antibody (Cat#AGI1436). Phospho-GSK3 (alpha + beta)(Y216 + Y279) expression in wild type (WT) and Phospho-GSK3 (alpha + beta)(Y216 + Y279) shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Phospho-GSK3 (alpha + beta)(Y216 + Y279) antibody (Cat#AGI1436, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Phospho-GSK3 (alpha + beta)(Y216 + Y279) expression in C2C12 cells using Phospho-GSK3 (alpha + beta)(Y216 + Y279) antibody (Cat#AGI1436, 1:2,000). Green, isotype control; red, Phospho-GSK3 (alpha + beta)(Y216 + Y279).



Immunocytochemical staining of C2C12 cells with Phospho-GSK3 (alpha + beta)(Y216 + Y279) antibody (Cat#AGI1436, 1:1,000). Nuclei were stained blue with DAPI; Phospho-GSK3 (alpha + beta)(Y216 + Y279) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.