

Product Datasheet

GSK3 beta Mouse Monoclonal Antibody (orb1474223)

Catalog Number	orb1474223
Category	Antibodies
Description	The GSK3 beta Antibody is suitable for FC, IF, IP, WB. It is a Monoclonal, Unconjugated antibody which raised against Purified recombinant GSK-3 β protein fragments expressed in E.coli. Purification: The antibody was purified by immunogen affinity chromatography.
Target	GSK3B
Clonality	Monoclonal
Species/Host	Mouse
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Form/Appearance	Liquid
Buffer/Preservatives	PBS containing 50% glycerol, 0.5% rAlbumin and 0.02% sodium azide, pH 7.3.
Purification	The antibody was purified by immunogen affinity chromatography.
Immunogen	Purified recombinant GSK-3 β protein fragments expressed in E.coli.
UniProt ID	P18266, P49841, Q9WV60
Tested applications	FC, IF, IP, WB
Dilution range	WB (1/500 - 1/1000), IF/IC (1/50 - 1/100), IP (1/10 - 1/50), FC (1/50 - 1/100)

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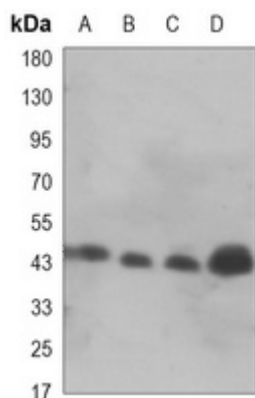
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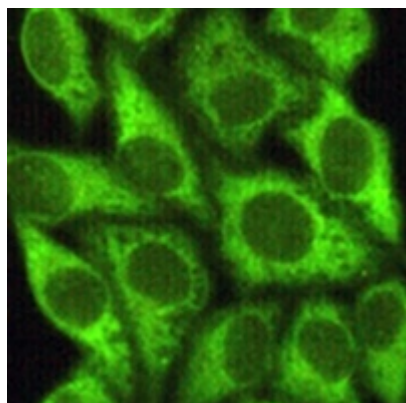
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Specificity	Recognizes endogenous levels of GSK3 beta protein.
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	2932, 84027, 56637
Expiration Date	12 months from date of receipt.



Western blot analysis of GSK3 beta expression in A549 (A), HeLa (B), NIH3T3 (C), rat brain (D) whole cell lysates. (Predicted band size: 47 kDa; Observed band size: 47 kDa)



Immunofluorescent analysis of GSK3 beta staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.

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