

## Product Datasheet

# GSK3 beta Mouse Monoclonal Antibody (orb1474238)

<b>Catalog Number</b>	orb1474238
<b>Category</b>	Antibodies
<b>Description</b>	The GSK3 beta Antibody is suitable for FC, IHC, WB. It is a Monoclonal, Unconjugated antibody which raised against Purified recombinant fragment of human GSK3B (AA: 2-159) expressed in E. Coli. Purification: The antibody was purified by immunogen affinity chromatography.
<b>Target</b>	GSK3B
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form/Appearance</b>	Liquid
<b>Buffer/Preservatives</b>	PBS containing 50% glycerol, 0.5% rAlbumin and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.
<b>Immunogen</b>	Purified recombinant fragment of human GSK3B (AA: 2-159) expressed in E. Coli.
<b>UniProt ID</b>	<b>P18266, P49841, Q9WV60</b>
<b>Tested applications</b>	FC, IHC, WB
<b>Dilution range</b>	WB (1/500 - 1/1000), IH (1/50 - 1/100), FC (1/50 - 1/100)

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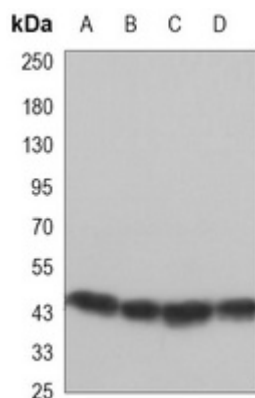
**Biorbyt LLC**

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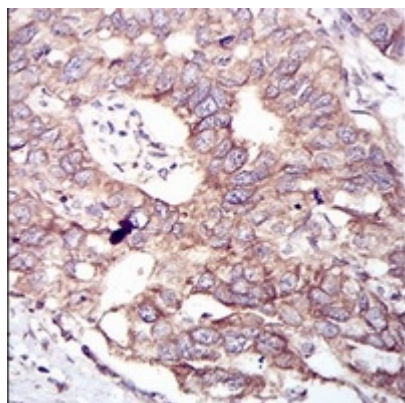
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<b>Specificity</b>	Recognizes endogenous levels of GSK3 beta protein.
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw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



Western blot analysis of GSK3 beta expression in HeLa (A), NIH3T3 (B), C6 (C), rat brain (D) whole cell lysates. (Predicted band size: 47 kD; Observed band size: 47 kD)



Immunohistochemical analysis of GSK3 beta staining in human esophageal cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.106). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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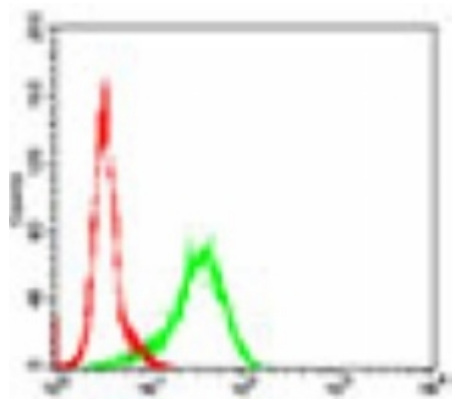
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Flow cytometric analysis of GSK3 beta in NIH3T3 cells (green) and negative control (red).

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