

Product Datasheet

GSK3 β Mouse mAb

Catalog No: AB3168

Reactivity: Human, Mouse

Isotype: Mouse IgG2a

Applications: WB, ICC/IF, IP



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Information

UniProt ID: P49841

All Names: Glycogen Synthase Kinase 3 Beta; Glycogen synthase kinase-3 beta; GSK 3 beta; GSK-3 beta; GSK3B; GSK3beta isoform;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 46KDa

Application

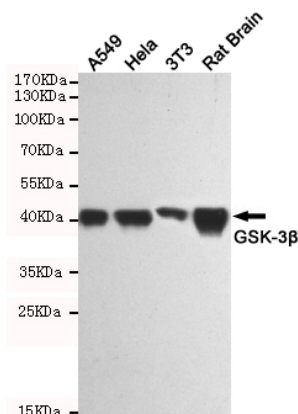
WB 1:1000

ICC/IF 1:200

IP

Background

Participates in the Wnt signaling pathway. Implicated in the hormonal control of several regulatory proteins including glycogen synthase, MYB and the transcription factor JUN. Phosphorylates JUN at sites proximal to its DNA-binding domain, thereby reducing its affinity for DNA. Phosphorylates MUC1 in breast cancer cells, and decreases the interaction of MUC1 with CTNNB1/beta-catenin. Phosphorylates CTNNB1/beta-catenin.



Western blot analysis of extracts from A549, HeLa, 3T3 and Rat Brain cell lysates using GSK-3 β mouse mAb(1:1000 diluted). Predicted band size: 46KDa. Observed band size: 46KDa.

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