

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## GSK3 BETA RABBIT MAB

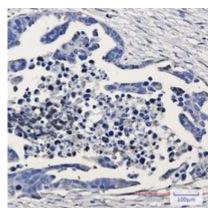
Cat.#: N261696

Product Name: Anti-GSK3 beta Rabbit Monoclonal Antibody Synonyms: GSK3B; Glycogen synthase kinase-3 beta; GSK-3 beta; Serine/threonine-protein kinase GSK3B **UNIPROT ID:** P49841 **Background:** Glycogen synthase kinase-3 (GSK3) is a proline-directed serine-threonine kinase that was initially identified as a phosphorylating and inactivating glycogen synthase .GSK3B is involved in energy metabolism, neuronal cell development, and body pattern formation.In skeletal muscle, it contributes to insulin regulation of glycogen synthesis by phosphorylating and inhibiting GYSI activity and hence glycogen synthesis. Immunogen: A synthetic peptide of human GSK3 beta Applications: WB,IHC-P **Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 Host Species: Rabbit Clonality: Rabbit Monoclonal **Clone ID:** R09-7G8 MW: Calculated MW: 47 kDa; Observed MW: 47 kDa Isotype: IgG Purification: Affinity Purified Species Reactivity: Human, Rat, Hamster Conjugation: Unconjugated Modification: Unmodified **Constituents:** PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide **Research Areas:** Neuroscience Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

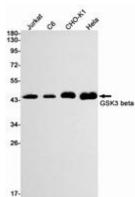


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Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using GSK3 beta antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of GSK3 beta in Jurkat, C6, CHO-K1, Hela lysates using GSK3 beta antibody.