

GSK3 beta (9F9) monoclonal antibody

Catalog: MB3272

Host: Mouse

Reactivity: Human,Rat,Mouse

BackGround:

Glycogen synthase kinase-3 (GSK3) is a proline-directed serine-threonine kinase that was initially identified as a phosphorylating and inactivating glycogen thase .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 GYS1 activity and hence glycogen synthesis.

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Molecular Weight:

Calculated MW: 47 kDa; Observed MW: 47 kDa

Swiss-Prot:

P49841

Purification&Purity:

Affinity Purified

Applications:

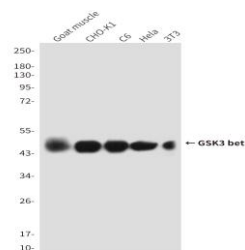
WB: 1/500-1/1000 IHC: 1/50-1/100

Storage&Stability:

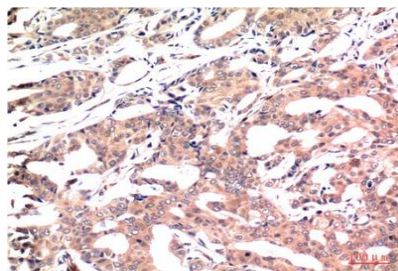
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG1

DATA:

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



Immunohistochemical analysis of paraffin-embedded Human tonsils 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 Goat muscle, CHO-K1, C6, HeLa, 3T3 lysates using GSK3 beta antibody

Western blot analysis of GSK3 beta in HeLa, A549, HL-60, U2OS lysates using GSK3 beta antibody.

Note:

For research use only, not for use in diagnostic procedure.

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