

GSK3 beta monoclonal antibody

Catalog: MB3162

Host: Mouse

Reactivity: Human, Mouse, Rat

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:

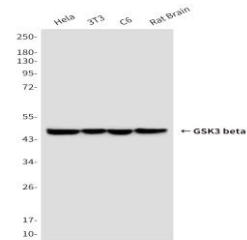
WB: 1/500-1/1000 IHC: 1/50-1/100 FC: 1/50-1/100

Storage&Stability:

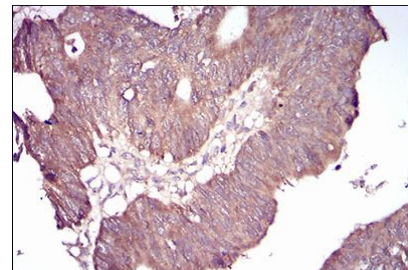
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG1

DATA:

Flow Cytometry analysis of NIH/3T3 cells stained with GSK3B antibody and negative control .



Immunohistochemistry analysis of paraffin-embedded rectum cancer tissues using GSK3B antibody with DAB staining. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Immunohistochemistry analysis of paraffin-embedded esophageal cancer tissues using GSK3B antibody with DAB staining. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Western blot analysis of GSK3B antibody in HeLa, 3T3, C6, rat Brain lysates using GSK3B antibody.

Note:

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

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