

Phospho-GSK3 beta (Ser9) monoclonal antibody

Catalog: MB10428

Host: Rabbit

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:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 47 kDa; Observed MW: 47 kDa

Swiss-Prot:

P49841

Purification&Purity:

Affinity Purified

Applications:

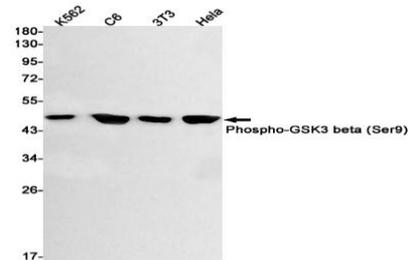
WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

Storage&Stability:

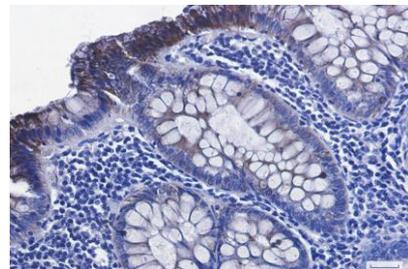
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:

Western blot analysis of Phospho-GSK3 beta in K562, C6, 3T3, Hela lysates using Phospho-GSK3 beta antibody.



Immunocytochemistry analysis of Phospho-GSK3 beta in Hela using Phospho-GSK3 beta antibody, and DAPI

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

Note:

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

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