

Phospho-Glycogen synthase (Ser641) monoclonal antibody

Catalog: MB10989

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Transfers the glycosyl residue from UDP-Glc to the non-reducing end of alpha-1,4-glucan. Allosteric activation by glucose-6-phosphate. Phosphorylation reduces the activity towards UDP-glucose. When in the non-phosphorylated state, glycogen synthase does not require glucose-6-phosphate as an allosteric activator; when phosphorylated it does.

Product:

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

Molecular Weight:

Calculated MW: 84 kDa; Observed MW: 84 kDa

Swiss-Prot:

P13807

Purification&Purity:

Affinity Purified

Applications:

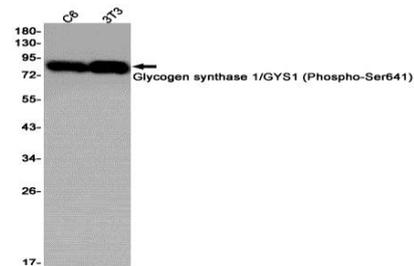
WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/20

Storage&Stability:

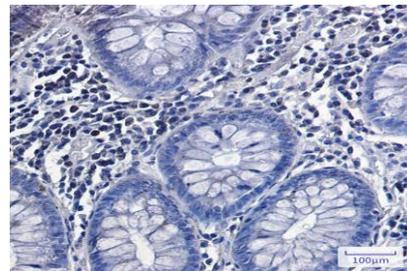
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:

Western blot analysis of Glycogen synthase 1/GYS1 in C6, 3T3 lysates using Phospho-Glycogen synthase antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using Phospho-Glycogen synthase 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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