



Recombinant



Phospho-GSK3 beta (Ser9) (DGR12826) Rabbit mAb

db13257 Package : 10μL 20μL 50μL 100μL

Product Name: Phospho-GSK3 beta (Ser9) (DGR12826) Rabbit mAb

Cat.No.: db13257

Synonyms: Serine/threonine-protein kinase GSK3B

Application: WB, IHC-P, ICC/IF

Reactivity : Human

Host species : Rabbit

Background The protein encoded by this gene is a serine-threonine kinase belonging to the glycogen synthase

kinase subfamily. It is a negative regulator of glucose homeostasis and is involved in energy metabolism, inflammation, ER-stress, mitochondrial dysfunction, and apoptotic pathways. Defects in this gene have been associated with Parkinson disease and Alzheimer disease. [provided by

RefSeq, Aug 2017]

Immunogen A synthetic phosphopeptide corresponding to residues surrounding Ser9 of human GSK3 beta

Gene ID 2932

Swiss Prot P49841

Synonyms Serine/threonine-protein kinase GSK3B

Reactivity Human

Application WB, IHC-P, ICC/IF

Recommended dilution WB: 1:2000-1:20000

IHC-P: 1:100-1:200 ICC/IF: 1:100-1:200

Calculated MW 47 kDa

Observed MW 47 kDa

Host species Rabbit

Clonality Monoclonal

Clonality No. DGR12826

Isotype IgG

Purity Affinity Purification



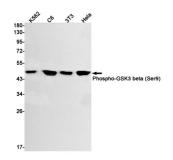


Conjugation

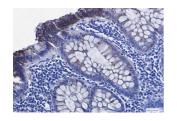
Un-conjugated

Storage Stability

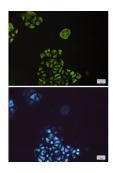
Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of Phospho-GSK3 beta (Ser9) in K562,C6,3T3,Hela cell lysates using Phospho-GSK3 beta (Ser9) antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human colon cancer using db13257 antibody.



Immunofluorescent analysis of HeLa cells using db13257 antibody (green), and DAPI (blue).