

Recombinant

DGRmAb®

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.
	<div> <div></div> <div>Western blot detection of Phospho-GSK3 beta (Ser9) in K562,C6,3T3,Hela cell lysates using Phospho-GSK3 beta (Ser9) antibody(1:1000 diluted).</div> </div>
	<div> <div></div> <div>Immunohistochemical analysis of paraffin-embedded human colon cancer using db13257 antibody.</div> </div>
	<div> <div></div> <div>Immunofluorescent analysis of HeLa cells using db13257 antibody (green), and DAPI (blue).</div> </div>