

Recombinant**DGRmAb®****Phospho-GSK3 beta (Ser9) (DGR12826) Rabbit mAb (PBS Only)****db13257-PBS****Package : 100µg****Product Name :** Phospho-GSK3 beta (Ser9) (DGR12826) Rabbit mAb (PBS Only)**Cat.No.:** db13257-PBS**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

Calculated MW

47 kDa

Observed MW

47 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR12826

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Concentration

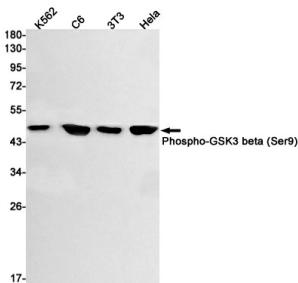
1 mg/mL

Formulation

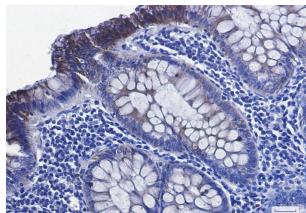
PBS Only

Storage Stability

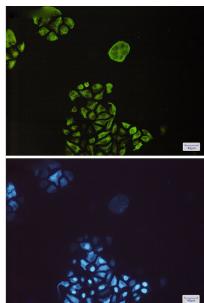
Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



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).