

GSK3 beta Mouse mAb

db6410

Package : 50µL 100µL

Product Name : GSK3 beta Mouse mAb**Cat.No.:** db6410**Synonyms** : GSK3B; Glycogen synthase kinase-3 beta; GSK-3 beta; Serine/threonine-protein kinase GSK3B**Application** : WB, IHC-P, FC**Reactivity** : Human, Mouse, Rat**Host species** : Mouse**Background**

The protein encoded by this gene is a serine-threonine kinase, belonging to the glycogen synthase kinase subfamily. It is involved in energy metabolism, neuronal cell development, and body pattern formation. Polymorphisms in this gene have been implicated in modifying risk of Parkinson disease, and studies in mice show that overexpression of this gene may be relevant to the pathogenesis of Alzheimer disease. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Immunogen

Purified recombinant fragment of human GSK3B (AA/ 2-159) expressed in E. Coli

Gene ID

2932

Swiss Prot

P49841

Synonyms

GSK3B; Glycogen synthase kinase-3 beta; GSK-3 beta; Serine/threonine-protein kinase GSK3B

Reactivity

Human, Mouse, Rat

Application

WB, IHC-P, FC

Recommended dilution

WB: 1:500-1:1000

IHC: 1:50-1:100

FC: 1:50-1:100

Calculated MW

47 kDa

Observed MW

47 kDa

Host species

Mouse

Clonality

Monoclonal

Clonality No.

7D8A6

Isotype

IgG1

Purity

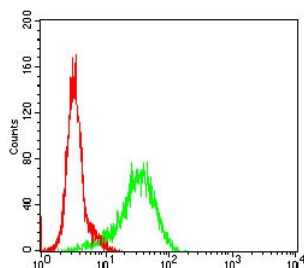
Affinity Purification

Conjugation

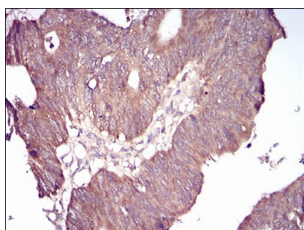
Un-conjugated

Storage Stability

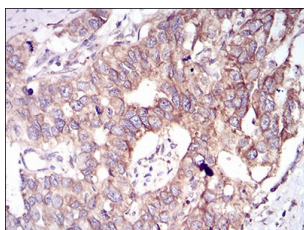
Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA .
Stable for 12 months from date of receipt.



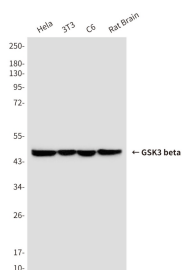
Flow Cytometry analysis of NIH/3T3 cells stained with GSK3B antibody (green) and negative control (red).



Immunohistochemistry analysis of paraffin-embedded rectum cancer tissues using GSK3B antibody with DAB staining. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemistry analysis of paraffin-embedded esophageal cancer tissues using GSK3B antibody with DAB staining. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of GSK3B antibody in Hela, 3T3, C6, rat Brain lysates using GSK3B antibody.