



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



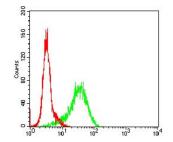


Conjugation

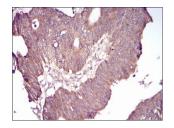
Un-conjugated

Storage Stability

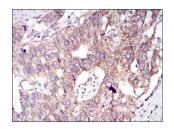
Store at -20 $^{\circ}$ C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



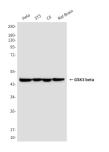
Flow Cytometry analysis of NIH/3T3 cells stained with GSK3B antibody (green) and negative control (red).



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.