

**GSK3 beta Mouse mAb (PBS Only)**

db6410-PBS

Package : 可询价

**Product Name** : GSK3 beta Mouse mAb (PBS Only)**Cat.No.:** db6410-PBS**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

**Calculated MW**

47 kDa

**Observed MW**

47 kDa

**Host species**

Mouse

**Clonality**

Monoclonal

**Clonality No.**

7D8A6

**Isotype**

IgG1

**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

**Concentration**

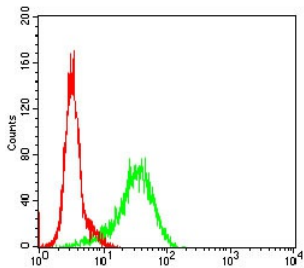
1 mg/mL

Formulation

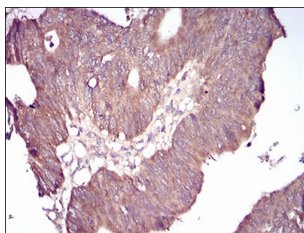
PBS Only

Storage Stability

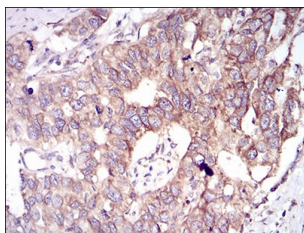
Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



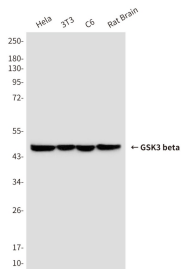
Flow Cytometry analysis of NIH/3T3 cells stained with GSK3B antibody (green) and negative control (red).



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.