GSK3 beta Mouse mAb

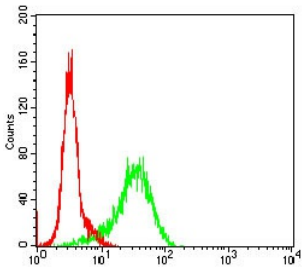
db6410 **Package : 50μL 100μL**

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

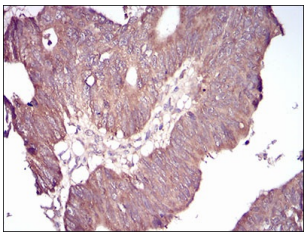
Background	The protein encoded by this gene is a serine-threonine kinase, belonging to the glycogen synthase kinase subfamily. It is involved in energy metabolism, neuronal cell development, and body pattern formation. Polymorphisms in this gene have been implicated in modifying risk of Parkinson disease, 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

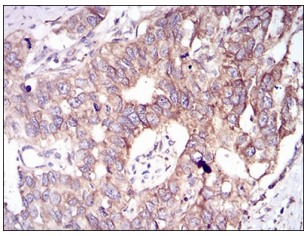
Storage Stability Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



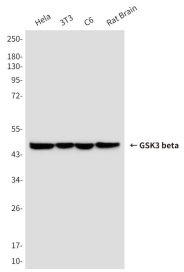
Flow Cytometry analysis of NIH/3T3 cells stained with GSK3B antibody (green) and negative control (red).



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.