

32-5978: Mouse Anti Human Glycogen synthase kinase-3 beta(Clone:P1F7AT.)

Clonality :	Monoclonal
Clone Name :	P1F7AT.
Application :	ELISA,WB
Gene :	GSK3B
Gene ID :	2932
Uniprot ID :	P49841
Format :	Purified
Alternative Name :	GSK3B,Glycogen synthase kinase-3 beta,GSK-3 beta.
Isotype :	Mouse IgG1 heavy chain and ? light chain.
Immunogen Information :	Anti-human GSK3B mAb, is derived from hybridization of mouse SP2/O myeloma cells with spleen cells from BALB/c mice immunized with recombinant human GSK3B amino acids 341-420 purified from E. coli.

Description

GSK3B is a serine-threonine kinase that belongs to the glycogen synthase kinase subfamily. GSK3B is involved in energy metabolism, neuronal cell development, and body pattern formation. Polymorphisms in the GSK3B gene have been implicated in modifying risk of Parkinson disease, and studies in mice show that overexpression of the GSK3B gene may be significant to the pathogenesis of Alzheimer disease.

Product Info

Amount :	20 µg
Purification :	GSK3B antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

GSK3B antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:1,000 ~ 3,000. Recommended starting dilution is 1:2,000.