

## Mouse Monoclonal Antibody to GSK3B

Catalogue Number	sAP-1054
Target Molecule	<b>Name: GSK3B</b> <b>Aliases:</b> <b>MW: 46.7kDa</b> <b>Entrez Gene ID: 2932</b>
Description	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.
Reactive Species	Human; Mouse;
Clone	MM3D6B4;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Int J Cancer. 2013 Aug 15;133(4):807-15. ; 2. Blood. 2012 Mar 8;119(10):2335-45.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**