

Mouse Monoclonal Antibody to CSNK2B

Catalogue Number	sAP-1040
Target Molecule	Name: CSNK2B Aliases: G5A; CK2B; CK2N; CSK2B MW: 25kDa Entrez Gene ID: 1460
Description	This gene encodes the beta subunit of casein kinase II, a ubiquitous protein kinase which regulates metabolic pathways, signal transduction, transcription, translation, and replication. The enzyme is composed of three subunits, alpha, alpha prime and beta, which form a tetrameric holoenzyme. The alpha and alpha prime subunits are catalytic, while the beta subunit serves regulatory functions. The enzyme localizes to the endoplasmic reticulum and the Golgi apparatus. Two transcript variants encoding different isoforms have been found for this gene.
Immunogen	Purified recombinant fragment of human CSNK2B (AA: FULL(1-215)) expressed in E. Coli.
Recitative Species	Human;
Clone	MM2F12F3;
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 ₂ 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; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Nan Fang Yi Ke Da Xue Xue Bao. 2012 Oct;32(10):1491-4.; 2. Am J Pathol. 2009 Jan;174(1):287-96.

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**