

## Mouse Monoclonal Antibody to CSNK2B

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|-------------------------|---|
| Catalogue Number        | sAP-1067  |
| Target Molecule         | <b>Name:</b> CSNK2B<br><b>Aliases:</b> G5A; CK2B; CK2N; CSK2B<br><b>MW:</b> 25kDa   |
| Description             | <b>Entrez Gene ID: 1460</b><br>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.   |
| Reactive Species        | Human;  |
| Clone                   | MM1H8A5;  |
| 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; 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**