

Mouse Monoclonal Antibody to CDK5

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| Catalogue Number | sAP-0560 |
| Target Molecule | Name: CDK5 Aliases: PSSALRE MW: 35kDa Entrez Gene ID: 1020 |
| Description | Function: Probably involved in the control of the cell cycle. Interacts with D1 and D3-type G1 cyclins. Can phosphorylate histone H1, tau, MAP2 and NF-H and NF-M. Also interacts with p35 which activates the kinase. |
| Immunogen | Purified recombinant fragment of human CDK5 expressed in E. Coli. ; |
| Recitative Species | Human; Rat; Monkey |
| Clone | MM4E4; |
| Size and Concentration | 100µg/1mg/ml |
| Supplied as | Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% 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. Cell Cycle. 2008 Nov 15;7(22):3487-90. ; 2. J Hum Genet. 2009 May;54(5):298-303. |

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**