

Mouse Monoclonal Antibody to RPS6KB1

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| Catalogue Number | sAP-0669 |
| Target Molecule | Name: RPS6KB1 Aliases: S6K; PS6K; S6K1; STK14A; p70-S6K; p70-alpha; p70(S6K)-alpha MW: 59kDa Entrez Gene ID: 6198 |
| Description | This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 non-identical kinase catalytic domains and phosphorylates several residues of the S6 ribosomal protein. The kinase activity of this protein leads to an increase in protein synthesis and cell proliferation. Amplification of the region of DNA encoding this gene and overexpression of this kinase are seen in some breast cancer cell lines. Alternate translational start sites have been described and alternate transcriptional splice variants have been observed but have not been thoroughly characterized. |
| Immunogen | Purified recombinant fragment of human RPS6KB1 expressed in E. Coli. ; |
| Recitative Species | Human |
| Clone | MM5G9; |
| 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; FCM: 1 to 200 - 1 to 400 |
| Shipping | Regular FEDEX overnight shipment (ambient temperature) |
| Reference | 1. J Biol Chem. 2010 Jan 1;285(1):30-42. ; 2. Cell Mol Life Sci. 2009 Apr;66(8):1457-66. ; |

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**