



Mouse Monoclonal Antibody to PAK3

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| Catalogue Number | sAP-1504 |
| Target Molecule | Name: PAK3 Aliases: ARA; bPAK; MRX30; MRX47; OPHN3; PAK-3; PAK3beta; beta-PAK MW: 62.3kDa Entrez Gene ID: 5063 |
| Description | The protein encoded by this gene is a serine-threonine kinase and forms an activated complex with GTP-bound RAS-like (P21), CDC2 and RAC1. This protein may be necessary for dendritic development and for the rapid cytoskeletal reorganization in dendritic spines associated with synaptic plasticity. Defects in this gene are the cause of non-syndromic mental retardation X-linked type 30 (MRX30), also called X-linked mental retardation type 47 (MRX47). Alternatively spliced transcript variants encoding different isoforms have been identified. |
| Immunogen | Purified recombinant fragment of human PAK3 (AA: 1-100) expressed in E. Coli. |
| Recitative Species | Human; |
| Clone | MM4G8A5 |
| 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; ICC: N to A; FCM: N to A; IHC: N to A |
| Shipping | Regular FEDEX overnight shipment (ambient temperature) |
| Reference | 1.J Mol Biol. 2014 Oct 23;426(21):3520-38.2.J Biol Chem. 2011 Nov 18;286(46):40044-59. |

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**