

Mouse Monoclonal Antibody to BCR

| | |
|-------------------------|---|
| Catalogue Number | sAP-1592 |
| Target Molecule | Name: BCR Aliases: ALL; CML; PHL; BCR1; D22S11; D22S662 MW: 142.8kDa |
| Description | Entrez Gene ID: 613 A reciprocal translocation between chromosomes 22 and 9 produces the Philadelphia chromosome, which is often found in patients with chronic myelogenous leukemia. The chromosome 22 breakpoint for this translocation is located within the BCR gene. The translocation produces a fusion protein which is encoded by sequence from both BCR and ABL, the gene at the chromosome 9 breakpoint. Although the BCR-ABL fusion protein has been extensively studied, the function of the normal BCR gene product is not clear. The protein has serine/threonine kinase activity and is a GTPase-activating protein for p21rac. Two transcript variants encoding different isoforms have been found for this gene. |
| Immunogen | Purified recombinant fragment of human BCR (AA: 139-280) expressed in E. Coli. |
| Reactive Species | Human; |
| Clone | MM1E11G12 |
| 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 H2O, 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: 1 to 200 - 1 to 400; IHC: N to A |
| Shipping | Regular FEDEX overnight shipment (ambient temperature) |
| Reference | 1. Asian Pac J Cancer Prev. 2014;15(22):9961-6. 2. Asian Pac J Cancer Prev. 2014;15(12):4773-80. |

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 end users! This product is sold for **Research Use Only**