

Mouse Monoclonal Antibody to PHC1

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| Catalogue Number | sAP-1019 |
| Target Molecule | Name: PHC1 Aliases: EDR1; HPH1; RAE28 MW: 105.5kDa Entrez Gene ID: 1911 |
| Description | This gene is a homolog of the Drosophila polyhomeotic gene, which is a member of the Polycomb group of genes. The gene product is a component of a multimeric protein complex that contains EDR2 and the vertebrate Polycomb protein BMH1. The gene product, the EDR2 protein, and the Drosophila polyhomeotic protein share 2 highly conserved domains, named homology domains I and II. These domains are involved in protein-protein interactions and may mediate heterodimerization of the protein encoded by this gene and the EDR2 protein. |
| Immunogen | Purified recombinant fragment of human PHC1 (AA: 758-1004) expressed in E. Coli. |
| Reactive Species | Human; |
| Clone | MM1F3F3; |
| 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; FCM: 1 to 200 - 1 to 400 |
| Shipping | Regular FEDEX overnight shipment (ambient temperature) |
| Reference | 1.Development. 2007 Feb;134(3):579-90. ; 2.Nature. 2006 May 18;441(7091):349-53. |

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**