

## Mouse Monoclonal Antibody to HOXA9

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|--------------------------------|---|
| <b>Catalogue Number</b>        | sAP-1256  |
| <b>Target Molecule</b>         | <p><b>Name:</b> HOXA9</p> <p><b>Aliases:</b> HOX1; ABD-B; HOX1G; HOX1.7</p> <p><b>MW:</b> 30.2kDa</p> <p><b>Entrez Gene ID:</b> 3205</p>  |
| <b>Description</b>             | In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. This gene is highly similar to the abdominal-B (Abd-B) gene of Drosophila. A specific translocation event which causes a fusion between this gene and the NUP98 gene has been associated with myeloid leukemogenesis. Read-through transcription exists between this gene and the upstream homeobox A10 (HOXA10) gene.; |
| <b>Immunogen</b>               | Purified recombinant fragment of human HOXA9 (AA: 1-272) expressed in E. Coli.  |
| <b>Reactive Species</b>        | Human;  |
| <b>Clone</b>                   | MM5C7C6;  |
| <b>Size and Concentration</b>  | 100µg/1mg/ml  |
| <b>Supplied as</b>             | Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide   |
| <b>Reconstitution/Storages</b> | Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage  |
| <b>Applications</b>            | ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: ; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400   |
| <b>Shipping</b>                | Regular FEDEX overnight shipment (ambient temperature)  |
| <b>Reference</b>               | 1.BMC Cancer. 2014 May 21;14:353. ; 2.Oncol Res. 2013;20(10):467-72.;   |

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**