

# PRDM4 Antibody

Purified Mouse Monoclonal Antibody

Catalog # AO2192a

## Product Information

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| <b>Application</b>       | WB, IHC, FC, E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Primary Accession</b> | <a href="#">Q9UKN5</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Reactivity</b>        | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Host</b>              | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Clonality</b>         | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Clone Names</b>       | 4B6E8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Isotype</b>           | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Calculated MW</b>     | 87920                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>       | The protein encoded by this gene is a transcription factor of the PR-domain protein family. It contains a PR-domain and multiple zinc finger motifs. Transcription factors of the PR-domain family are known to be involved in cell differentiation and tumorigenesis. An elevated expression level of this gene has been observed in PC12 cells treated with nerve growth factor, beta polypeptide (NGF). This gene is located in a chromosomal region that is thought to contain tumor suppressor genes. |
| <b>Immunogen</b>         | Purified recombinant fragment of human PRDM4 (AA: 476-575) expressed in E. Coli.                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Formulation</b>       | Purified antibody in PBS with 0.05% sodium azide                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

## Additional Information

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| <b>Gene ID</b>     | 11108                                                                                                                                    |
| <b>Other Names</b> | PR domain zinc finger protein 4, 2.1.1.-, PR domain-containing protein 4, PRDM4, PFM1                                                    |
| <b>Dilution</b>    | WB~~1/500 - 1/2000 IHC~~1/200 - 1/1000 FC~~1/200 - 1/400 E~~1/10000                                                                      |
| <b>Storage</b>     | Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| <b>Precautions</b> | PRDM4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.                                         |

## Protein Information

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|-------------|-------|
| <b>Name</b> | PRDM4 |
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|--------------------------|---------------------------------------------------------------------------------------------------|
| <b>Synonyms</b>          | PFM1                                                                                              |
| <b>Function</b>          | May function as a transcription factor involved in cell differentiation.                          |
| <b>Cellular Location</b> | Nucleus.                                                                                          |
| <b>Tissue Location</b>   | Expressed in many tissues. Highly expressed in ovary, testis, pancreas, brain, heart and prostate |

## References

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1.J Biol Chem. 2012 Dec 14;287(51):42995-3006.2.Proteins. 2011 Jul;79(7):2341-5.

## Images

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