

PRDM5 Antibody
Purified Mouse Monoclonal Antibody
Catalog # AO2166a**Specification****PRDM5 Antibody - Product Information**

Application	E, WB, IF, FC
Primary Accession	O9NOX1
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	73kDa KDa

Description

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.

Immunogen

Purified recombinant fragment of human PRDM5 (AA: 1-100) expressed in E. Coli.

Formulation

Purified antibody in PBS with 0.05% sodium azide

PRDM5 Antibody - Additional Information

Gene ID 11107

Other Names

PR domain zinc finger protein 5, 2.1.1.-, PR domain-containing protein 5, PRDM5, PFM2

Dilution

E~~1/10000
WB~~1/500 - 1/2000
IF~~1/100 - 1/500
FC~~1/200 - 1/400

Storage

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.

Precautions

PRDM5 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

PRDM5 Antibody - Protein Information

Name PRDM5

Synonyms PFM2**Function**

Sequence-specific DNA-binding transcription factor. Represses transcription at least in part by recruitment of the histone methyltransferase EHMT2/G9A and histone deacetylases such as HDAC1. Regulates hematopoiesis-associated protein-coding and microRNA (miRNA) genes. May regulate the expression of proteins involved in extracellular matrix development and maintenance, including fibrillar collagens, such as COL4A1 and COL11A1, connective tissue components, such as HAPLN1, and molecules regulating cell migration and adhesion, including EDIL3 and TGFB2. May cause G2/M arrest and apoptosis in cancer cells.

Cellular Location

Nucleus

Tissue Location

Widely expressed with highest levels in colon and ovary. Tends to be silenced in breast, colorectal, gastric and liver cancer tissues.

PRDM5 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)