

**Product Name: PRDM5 Mouse Monoclonal Antibody****Catalog #: AMM81581**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,ICC,ELISA,FC
<b>Reactivity</b>	Human,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ICC 1:100-1:500,ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight</b>	73kDa

**Antigen Information**

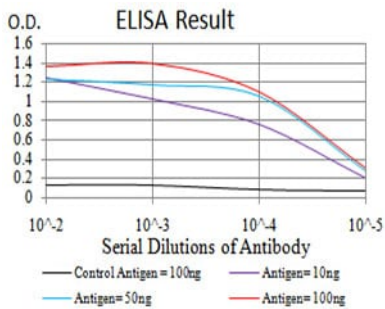
<b>Gene Name</b>	PRDM5
<b>Alternative Names</b>	BCS2; PFM2
<b>Gene ID</b>	11107.0
<b>SwissProt ID</b>	Q9NQX1
<b>Immunogen</b>	Purified recombinant fragment of human PRDM5 (AA: 1-100) expressed in E. Coli.

**Background**

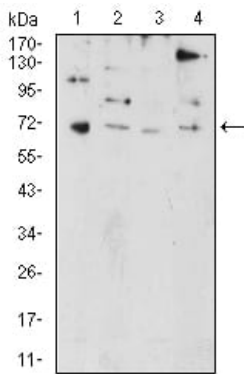
The protein encoded by this gene is a transcription factor of the PR-domain protein family. It contains a PR-domain and multiple zinc finger motifs. Transcription factors of the PR-domain family are known to be involved in cell differentiation and tumorigenesis.

## Research Area

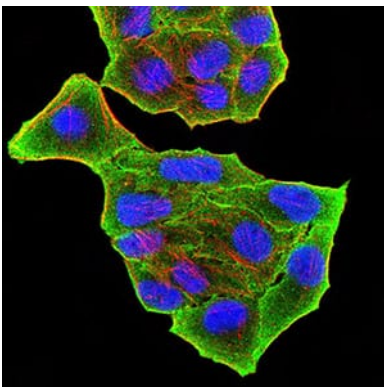
## Image Data



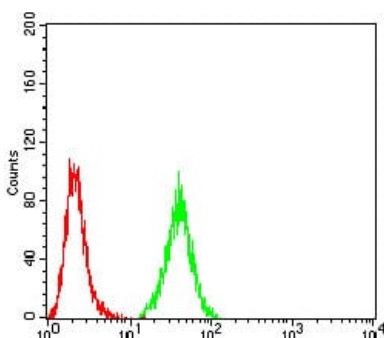
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Western blot analysis using PRDM5 mouse mAb against HL-60 (1), NIH/3T3 (2), SW480 (3), and HEK293 (4) cell lysate.



Immunofluorescence analysis of MCF-7 cells using PRDM5 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Flow cytometric analysis of HeLa cells using PRDM5 mouse mAb (green) and negative control (red).

