

**Product Name: PRDM14 Mouse Monoclonal Antibody****Catalog #: AMM81639**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,ELISA,FC
<b>Reactivity</b>	Human
<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,ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight</b>	64kDa

**Antigen Information**

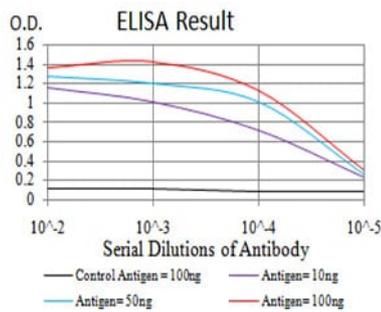
<b>Gene Name</b>	PRDM14
<b>Alternative Names</b>	PFM11
<b>Gene ID</b>	63978.0
<b>SwissProt ID</b>	Q9GZV8
<b>Immunogen</b>	Purified recombinant fragment of human PRDM14 (AA: 4-203) expressed in E. Coli.

**Background**

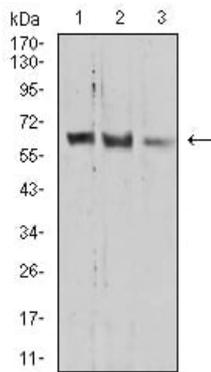
This gene encodes a member of the PRDI-BF1 and RIZ homology domain containing (PRDM) family of transcriptional regulators. The encoded protein may possess histone methyltransferase activity and plays a critical role in cell pluripotency by suppressing the expression of differentiation marker genes. Expression of this gene may play a role in breast cancer.

## Research Area

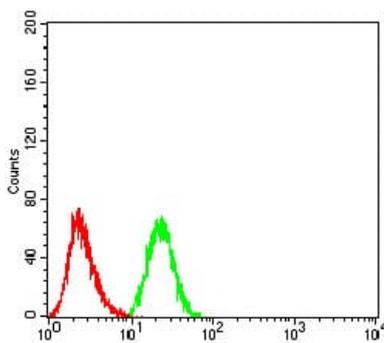
## Image Data



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



Western blot analysis using mouse mAb against HEK293 (1), A549 (2), and HepG2 (3) cell lysate.



Flow cytometric analysis of A549 cells using PRDM14 mouse mAb (green) and negative control (red).