Product Name: PRDM1 Mouse Monoclonal Antibody
Catalog #: AMM81554
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ICC,ELISA,FC
Reactivity	Human,Mouse,Rat,Monkey
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	91.7kDa

Antigen Information

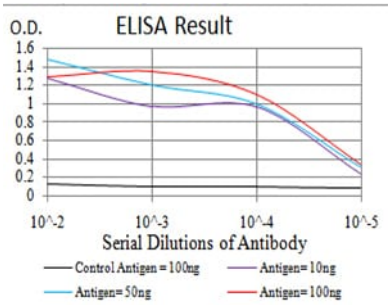
Gene Name	PRDM1
Alternative Names	BLIMP1; PRDI-BF1
Gene ID	639.0
SwissProt ID	O75626
Immunogen	Purified recombinant fragment of human PRDM1 (AA: 690-825) expressed in E. Coli.

Background

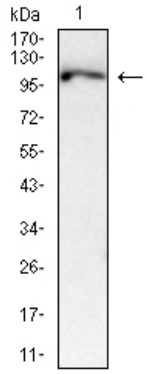
This gene encodes a protein that acts as a repressor of beta-interferon gene expression. The protein binds specifically to the PRDI (positive regulatory domain I element) of the beta-IFN gene promoter. Transcription of this gene increases upon virus induction. Two alternatively spliced transcript variants that encode different isoforms have been reported.

Research Area

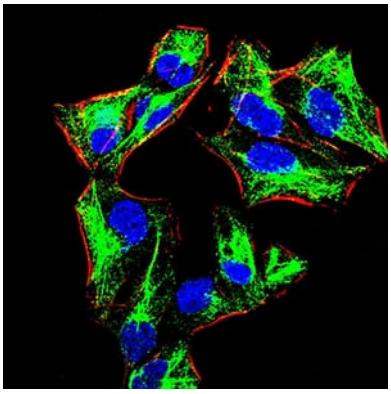
Image Data



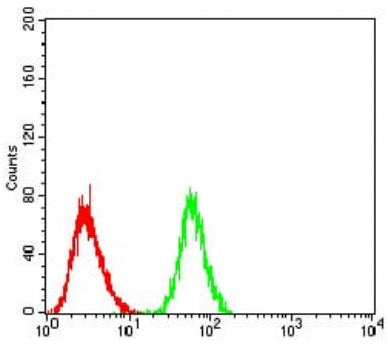
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



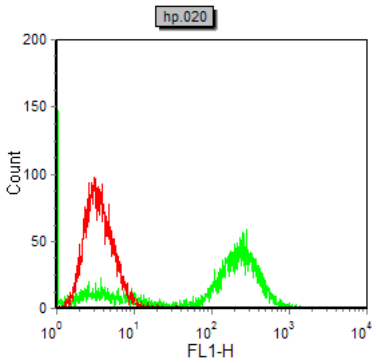
Western blot analysis using PRDM1 mouse mAb against NIH/3T3 cell lysate.



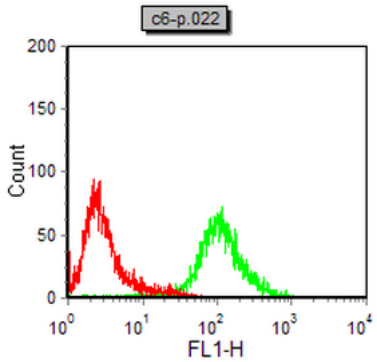
Immunofluorescence analysis of HeLa cells using PRDM1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



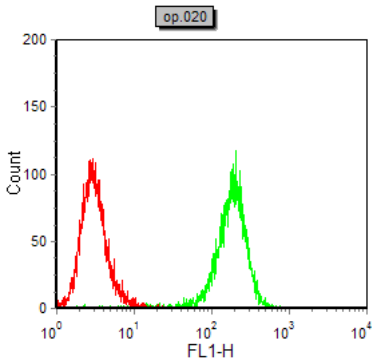
Flow cytometric analysis of Raji cells using PRDM1 mouse mAb (green) and negative control (red).



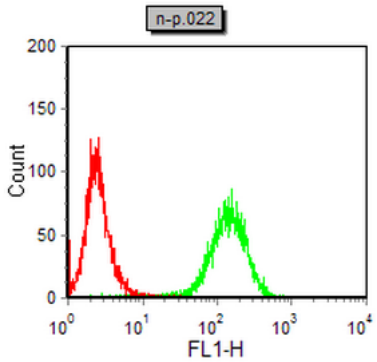
Flow cytometric analysis of Hela cells using PRDM1 mouse mAb (green) and negative control (red).



Flow cytometric analysis of C6 cells using PRDM1 mouse mAb (green) and negative control (red).



Flow cytometric analysis of COS7 cells using PRDM1 mouse mAb (green) and negative control (red).



Flow cytometric analysis of NIH/3T3 cells using PRDM1 mouse mAb (green) and negative control (red).