

Product Name: PRDM1 Mouse Monoclonal Antibody**Catalog #: AMM81553**

For research use only.

Summary

| | |
|----------------------|---|
| Description | Mouse monoclonal Antibody |
| Host | Mouse |
| Application | ICC,ELISA |
| Reactivity | Human |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | Mouse IgG2a |
| 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 | ICC 1:100-1:500,ELISA 1:5000-1:20000 |
| Molecular Weight | 91.7kDa |

Antigen Information

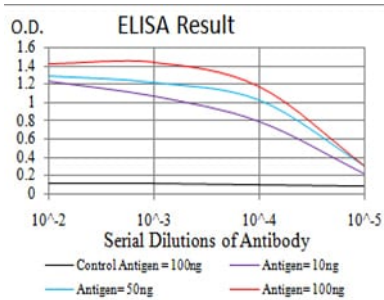
| | |
|--------------------------|--|
| Gene Name | PRDM1 |
| Alternative Names | BLIMP1; PRDI-BF1 |
| Gene ID | 639.0 |
| SwissProt ID | O75626 |
| Immunogen | Purified recombinant fragment of human PRDM1 (AA: 690-825) expressed in E. Coli. |

Background

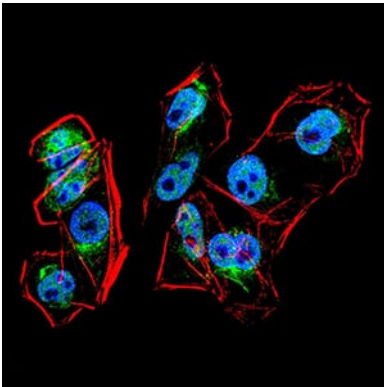
This gene encodes a protein that acts as a repressor of beta-interferon gene expression. The protein binds specifically to the PRDI (positive regulatory domain I element) of the beta-IFN gene promoter. Transcription of this gene increases upon virus induction. Two alternatively spliced transcript variants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



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.