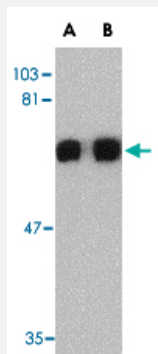


PRDM1 polyclonal antibody

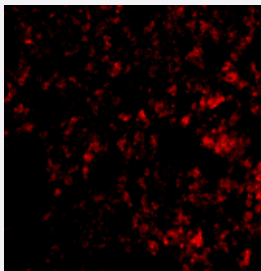
Catalog # PAB13233 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of PRDM1 in A-549 cell lysate with PRDM1 polyclonal antibody (Cat # PAB13233) at (A) 0.5 and (B) 1 ug/mL .



Immunofluorescence

Immunofluorescence of PRDM1 in mouse lung tissue with PRDM1 polyclonal antibody (Cat # PAB13233) at 20 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PRDM1.
Immunogen	A synthetic peptide corresponding to 14 amino acids near C-terminus of human PRDM1.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Peptide affinity purification

Concentration	1 mg/mL
Recommend Usage	Western Blot (0.5-1 ug/mL) Immunofluorescence (20 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of PRDM1 in A-549 cell lysate with PRDM1 polyclonal antibody (Cat # PAB13233) at (A) 0.5 and (B) 1 ug/mL .

- Immunofluorescence

Immunofluorescence of PRDM1 in mouse lung tissue with PRDM1 polyclonal antibody (Cat # PAB13233) at 20 ug/mL .

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PRDM1

Entrez GeneID	639
Protein Accession#	NP_001189
Gene Name	PRDM1
Gene Alias	BLIMP1, MGC118922, MGC118923, MGC118924, MGC118925, PRDI-BF1
Gene Description	PR domain containing 1, with ZNF domain
Omim ID	603423
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]

Other Designations

B-lymphocyte-induced maturation protein 1|OTTHUMP00000016918|PR-domain zinc finger protein 1|PRDI-binding factor-1|beta-interferon gene positive-regulatory domain 1 binding factor|positive regulatory domain 1-binding factor 1

Publication Reference

- [Transcriptional repressor Blimp-1 regulates T cell homeostasis and function.](#)

Martins GA, Cimmino L, Shapiro-Shelef M, Szabolcs M, Herron A, Magnusdottir E, Calame K.
Nature Immunology 2006 May; 7(5):457.

- [Plasma cell differentiation requires the transcription factor XBP-1.](#)

Reimold AM, Iwakoshi NN, Manis J, Vallabhajosyula P, Szomolanyi-Tsuda E, Gravalles EM, Friend D, Grusby MJ, Alt F, Glimcher LH.
Nature 2001 Jul; 412(6844):300.

- [Commitment of B lymphocytes to a plasma cell fate is associated with Blimp-1 expression in vivo.](#)

Angelin-Duclos C, Cattoretti G, Lin KI, Calame K.
The Journal of Immunology 2000 Nov; 165(10):5462.

Application: IF, IHC-P, IP-WB, WB-Ce, Human, Mouse, Spleen, Tonsil

Disease

- [Arthritis](#)
- [Crohn Disease](#)
- [Genetic Predisposition to Disease](#)
- [IgA Deficiency](#)
- [Inflammatory Bowel Diseases](#)
- [Kidney Failure](#)
- [Lupus Erythematosus](#)
- [Tobacco Use Disorder](#)