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[Primary Antibody]

Mouse Anti-PRDM1 antibody

Catalog Number: SLM-60268M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG1/Kappa
Clonality:	Monoclonal
Clone No.:	H2A10
Target:	PRDM1
Purification:	Affinity purified by Protein G
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 ICC/IF=1:50-100 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human
Predicted MW.:	92kDa
Subcellular Location:	The nucleus The cell membrane
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. [provided by RefSeq, Jul 2008] **Subcellular Location:** Nucleus. Cytoplasm. **Database links:** **Entrez Gene:** 639 Human **SwissProt:** O75626 Human Transcription factors regulate transcriptional programs in various innate and adaptive immune tissues, such as tissue-resident memory T (Trm) cells, tissue-resident natural killer (trNK) cells, and natural killer T (NKT) cells. They play a role in the development, retention, and long-term establishment of adaptive

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	and innate tissue-resident lymphocyte types in non-lymphoid organs (such as the skin and intestines) as well as other non-barrier tissues (such as the liver and kidneys). Therefore, they can provide immediate immune protection against reinfection or viral re-infection.

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