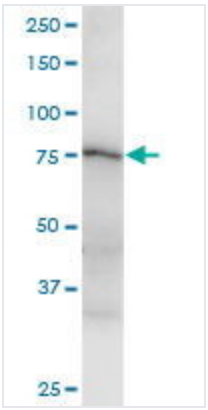
PRDM1 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	PRDM1, Monoclonal Antibody
Full Product Name	PRDM1 (PR Domain Containing 1, with ZNF Domain, BLIMP1, MGC118922, MGC118923, MGC118924, MGC118925, PRDI-BF1) (AP)
Product Gene Name	anti-PRDM1 antibody
Product Synonym Names	PR Domain Containing 1; with ZNF Domain; BLIMP1; MGC118922; MGC118923; MGC118924; MGC118925; PRDI-BF1
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1F2
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified
Specificity	Recognizes PRDM1.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	76,835 Da
OMIM	603423
3D Structure	ModBase 3D Structure for O75626
Immunogen	PRDM1 (NP_001189, 422aa-493aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Conjugate	AP
Product Categories/Family for anti-PRDM1 antibody	Antibodies; Transcription Factors; Zinc (Ring) Finger
Applications Tested/Suitable for anti-PRDM1 antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-PRDM1 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-PRDM1 antibody	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 Notes	Small volumes of anti-PRDM1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PRDM1 purchase	MBS6164436 is an antibody targeting PRDM1. Also known as PRDM1 (PR Domain Containing 1, with ZNF Domain, BLIMP1, MGC118922, MGC118923, MGC118924, MGC118925, PRDI-BF1) (AP). Host: Mouse.



Western Blot (WB) of anti-PRDM1 antibody
PRDM1 monoclonal antibody (M08), clone 1F2. Western Blot analysis of PRDM1 expression in human liver.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PRDM1. It may not necessarily be applicable to this product.

NCBI GI #	172072684
NCBI GeneID	639
NCBI Accession #	NP_001189
UniProt Primary Accession #	O75626
UniProt Secondary Accession #	Q86WM7; B2REA6; E1P5E0
UniProt Related Accession #	O75626
GenBank Nucleotide #	NM_001198.3
NCBI Official Full Name	PR domain zinc finger protein 1 isoform 1
NCBI Official Synonym Full Names	PR domain containing 1, with ZNF domain
NCBI Official Symbol	PRDM1
NCBI Official Synonym Symbols	BLIMP1; PRDI-BF1
UniProt Protein Name	PR domain zinc finger protein 1
UniProt Synonym Protein Names	BLIMP-1; Beta-interferon gene positive regulatory domain I-binding factor; PR domain-containing protein 1; Positive regulatory domain I-binding factor 1
Protein Family	PR domain zinc finger protein
UniProt Gene Name	PRDM1
UniProt Synonym Gene Names	BLIMP1; PRDI-BF1
UniProt Entry Name	PRDM1_HUMAN
NCBI Protein Information	PR domain zinc finger protein 1; BLIMP-1; PRDI-binding factor-1; B-lymphocyte-induced maturation protein 1; beta-interferon gene positive-regulatory domain I binding factor
Research Articles on PRDM1	**1.** miR-23a and miR-125b, proved to be negatively associated with up-modulation of Blimp-1 occurring during IFN-alpha-driven dendritic cell differentiation.
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