

Mouse anti-Human PRDM1 Monoclonal Antibody | anti-PRDM1 antibody

PRDM1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312042	Mouse	Human	Flow Cytometry, Functional Assay, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

PRDM1; Monoclonal Antibody; PRDM1 Antibody; B Lymphocyte Induced Maturation Protein 1 antibody; Beta interferon gene positive regulatory domain I binding factor antibody; Beta-interferon gene positive regulatory domain I-binding factor antibody; BLIMP-1 antibody; BLIMP1 antibody; Positive Regulatory Domain I Binding Factor 1 antibody; Positive regulatory domain I-binding factor 1 antibody; PR Domain Containing 1 antibody; PR domain containing 1 with ZNF domain antibody; PR domain containing 1 with ZNF domain isoform 2 antibody; PR domain containing protein 1 antibody; PR domain zinc finger protein 1 antibody; PR domain-containing protein 1 antibody; PRDI BF1 antibody; PRDI binding factor 1 antibody; PRDI-BF1 antibody; PRDI-binding factor 1 antibody; PRDM 1 antibody; Prdm1 antibody; PRDM1_HUMAN antibody; anti-PRDM1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	B6-F1
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-PRDM1 antibody	FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



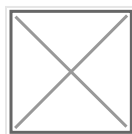
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Raji cells with PRDM1 antibody at 1/100 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody; red).



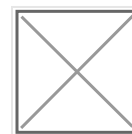
ICC (Immunocytochemistry)

ICC staining PRDM1 (green) and Actin filaments (red) in Hela cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis of PRDM1 on HEK293 (1) and PRDM1-hlgGfC transfected HEK293 (2) cell lysate using anti-PRDM1 antibody at 1/1, 000 dilution.



WB (Western Blot)

Western blot analysis of PRDM1 on human PRDM1 recombinant protein using anti-PRDM1 antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-PRDM1 antibody	The development and differentiation of plasma cells, which are terminally differentiated B-cells, are induced by Blimp-1 (B lymphocyte-induced maturation protein, also designated PRDI-BF1). Blimp-1 is a transcriptional repressor that localizes to the nucleus and is considered a master regulator of terminal B-cell development. Alone, Blimp-1 is sufficient to trigger terminal B-cell differentiation. Blimp-1 upregulates the expression of syndecan-1 and J chain, represses IFN- γ gene transcription and associates with HDAC to recruit it to DNA, thereby repressing c-myc. Blimp-1 is expressed during the late stages of B-cell differentiation in immunoglobulin-secreting plasma cells, as well as in long-lived, bone marrow plasma cells. The expression of Blimp-1 defines a checkpoint beyond which fully activated B cells proceed to the plasma cell stage, whereas immature and partially activated cells are eliminated.
Product Categories/Family for anti-PRDM1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	172072684
NCBI GeneID	639
NCBI Accession #	NP_001189.2
NCBI GenBank Nucleotide #	NM_001198.3
UniProt Accession #	O75626; Q86WM7; B2REA6; E1P5E0
Molecular Weight	825
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
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
UniProt Protein Name	PR domain zinc finger protein 1
UniProt Gene Name	PRDM1
UniProt Synonym Gene Names	BLIMP1; PRDI-BF1
UniProt Entry Name	PRDM1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/prdm1-antibody-clone-b6-f1-flow-cytometry-immunocytochemistry-western-blot-elisa/312042>