

Datasheet for ABIN1387860
anti-PRDM1 antibody (AA 501-600)



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Overview

Quantity:	100 µL
Target:	PRDM1
Binding Specificity:	AA 501-600
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRDM1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PRDM1/Blimp1
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	PRDM1
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Target Details

Alternative Name:	PRDM1 (PRDM1 Products)
Background:	Synonyms: Blimp 1, Blimp-1, B Lymphocyte Induced Maturation Protein 1, Beta interferon gene positive regulatory domain I binding factor, Beta-interferon gene positive regulatory domain I-binding factor, BLIMP-1, BLIMP1, Positive Regulatory Domain I Binding Factor 1, Positive regulatory domain I-binding factor 1, PR Domain Containing 1, PR domain containing 1 with ZNF domain, PR domain containing 1 with ZNF domain isoform 2, PR domain containing protein 1, PR domain zinc finger protein 1, PR domain-containing protein 1, PRDI BF1, PRDI binding factor 1, PRDI-BF1, PRDI-binding factor 1, PRDM 1, Prdm1, PRDM1_HUMAN. Background: 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.
Gene ID:	144423
Pathways:	Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
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Handling

Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months