

Datasheet for ABIN6971445
anti-PRDM1 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	PRDM1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRDM1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	This BLIMP1 / PRDM1 antibody was raised against a peptide within the N-terminal half of human BLIMP1 / PRDM1.
Isotype:	IgG
Characteristics:	BLIMP1 / PRDM1 (Beta-interferon gene positive regulatory domain I-binding factor, PR domain-containing protein 1 Positive regulatory domain I-binding factor 1) is a DNA sequence-specific transcriptional repressor that binds specifically to the PRDI element in the promoter of the beta-interferon gene, as well as other genes. It is required for maturation of B-lymphocytes into immunoglobulin secreting plasma cells through direct repression of transcription factors such as Pax5, Bcl6, and Myc, which function in the lineage commitment and proliferation of B cells. BLIMP1 / PRDM1 contains an N-terminal SET domain and four C-terminal C2H2-type zinc-finger motifs. It is also required for effector T-cell function and for the specification of primordial germ cell lineages. BLIMP1 / PRDM1 antibody (pAb) was raised in a Rabbit host. It

Product Details

has been validated for use in Immunofluorescence and Western blot, it has been shown to react with Human samples.

Purification: Affinity Purified

Target Details

Target: PRDM1

Alternative Name: BLIMP1 / PRDM1 ([PRDM1 Products](#))

Molecular Weight: 110 kDa

NCBI Accession: [NP_001189](#)

Pathways: [Regulation of Muscle Cell Differentiation](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

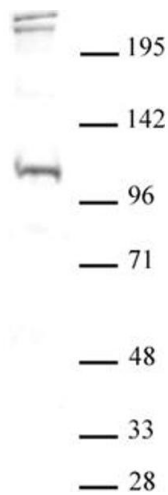
Buffer: Purified IgG in 70 mM Tris (pH 8), 105 mM NaCl, 31 mM glycine, 0.07 mM EDTA, 30 % glycerol and 0.035 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.



Western Blotting

Image 1. Western blot of BLIMP1 / PRDM1 antibody. Nuclear extract of Saos-2 cells (20 µg per lane) probed with BLIMP1 / PRDM1 antibody (pAb) at a dilution of 1:1,000.