

BLIMP1 / PRDM1 antibody (pAb)

Catalog No.: RA9024

Basic Information

Molecular weight

110 kDa

Category

Polyclonal antibody

Applications

IF, WB

Cross-Reactivity

Human

Background

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.

Recommended Dilutions

WB 1:500-1:1000

Product Information

| | |
|---------------------------|--|
| Source | Rabbit |
| Isotype | IgG |
| Purification | Affinity Purified |
| Storage 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. Sodium azide is highly toxic. |
| Storage Conditions | Some products may be shipped at room temperature. This will not affect their stability or performance. 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. |

Note: For in vitro research use only, not for diagnostic or therapeutic use, This product is not a medical device.

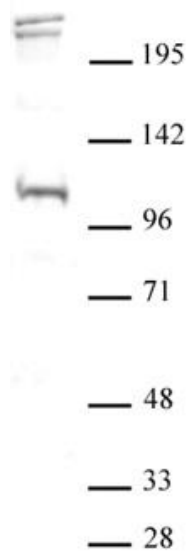
注意:在体外研究使用, 不用于诊断或治疗用途, 本产品不是医疗装置!

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

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