# Blimp-1 Monoclonal Antibody
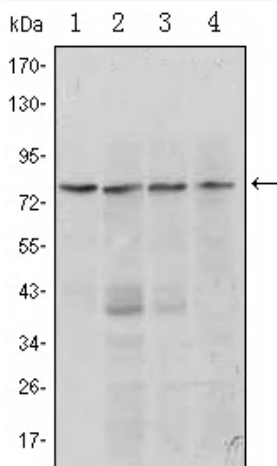
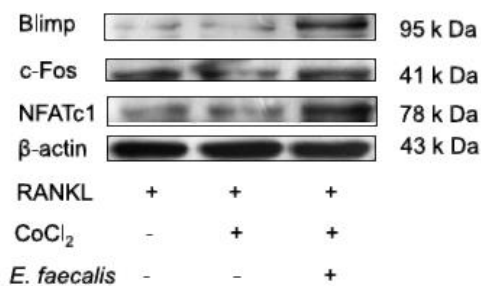| | |
|---|---|
| **Catalog No** | YP-Ab-00955 |
| **Isotype** | IgG |
| **Reactivity** | Human;Mouse |
| **Applications** | WB;ELISA |
| **Gene Name** | PRDM1 |
| **Protein Name** | PR domain zinc finger protein 1 |
| **Immunogen** | Purified recombinant fragment of human Blimp-1 expressed in E. Coli. |
| **Specificity** | Blimp-1 Monoclonal Antibody detects endogenous levels of Blimp-1 protein. |
| **Formulation** | Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol. |
| **Source** | Monoclonal, Mouse |
| **Purification** | Affinity purification |
| **Dilution** | Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. |
| **Concentration** | 1 mg/ml |
| **Purity** | ≥90% |
| **Storage Stability** | -20°C/1 year |
| **Synonyms** | PRDM1; BLIMP1; PR domain zinc finger protein 1; BLIMP-1; Beta-interferon gene positive regulatory domain I-binding factor; PR domain-containing protein 1; Positive regulatory domain I-binding factor 1; PRDI-BF1; PRDI-binding factor 1 |
| **Observed Band** | |
| **Cell Pathway** | Nucleus . Cytoplasm . |
| **Tissue Specificity** | PCR rescued clones,Stomach, |
| **Function** | function:Transcriptional repressor that binds specifically to the PRDI element in the promoter of the beta-interferon gene. Drives the maturation of B-lymphocytes into Ig secreting cells.,similarity:Contains 1 SET domain.,similarity:Contains 4 C2H2-type zinc fingers.,subunit:Interacts with PRMT5., |
| **Background** | 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, Jul 2008], |
| **matters needing attention** | Avoid repeated freezing and thawing! |

**Usage suggestions**    This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis using Blimp-1 Monoclonal Antibody against Raji (1, 2), L1210 (3) and TPH-1 (4) cell lysate.



Effect of Enterococcus faecalis on osteoclastogenesis under cobalt-mimicked hypoxia in vitro    MICROBIAL PATHOGENESIS    Fengyi Zhou, Xin Li, Xiaochi Chang, Zhihao Geng, Wenjing Hao, Jing Deng, Hai Ming Wong, Shuai Wang        WB Mouse        BMMs