




Anti-PRDM1/Blimp1 antibody ab106766

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製品の概要

製品名	Anti-PRDM1/Blimp1 antibody
製品の詳細	Goat polyclonal to PRDM1/Blimp1
由来種	Goat
アプリケーション	適用あり: WB, Flow Cyt (Intra), ICC/IF
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat, Cow, Dog, Pig 
免疫原	Synthetic peptide: C-DISDNADRLEDVED , corresponding to internal sequence amino acids 734-747 of Human PRDM1/Blimp1 (NP_001189.2) <div>  Run BLAST with  Run BLAST with </div>
ポジティブ・コントロール	Flow Cyt (Intra): A431 cells.
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
精製度	Immunogen affinity purified
特記事項 (精製)	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

ポリ/モノ
アイソタイプ

ポリクローナル
IgG

アプリケーション

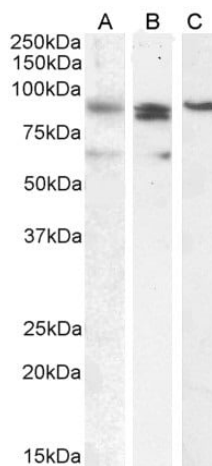
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab106766の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 0.5 - 1.5 µg/ml. Detects a band of approximately 90 kDa (predicted molecular weight: 92 kDa). 1 hour primary incubation is recommended for this product.
Flow Cyt (Intra)		Use a concentration of 10 µg/ml.
ICC/IF		Use a concentration of 10 µg/ml.

ターゲット情報

機能	Transcriptional repressor that binds specifically to the PRDI element in the promoter of the beta-interferon gene (PubMed:1851123). Drives the maturation of B-lymphocytes into Ig secreting cells (PubMed:12626569).
配列類似性	Belongs to the class V-like SAM-binding methyltransferase superfamily. Contains 4 C2H2-type zinc fingers. Contains 1 SET domain.
翻訳後修飾	Sumoylation at Lys-816 by PIAS1 augments transcriptional repressor activity, and is critical for plasma cell differentiation. Ubiquitinated by the SCF(FBXO11) complex, leading to its degradation by the proteasome.
細胞内局在	Nucleus. Cytoplasm.

画像



Western blot - Anti-PRDM1/Blimp1 antibody (ab106766)

All lanes : Anti-PRDM1/Blimp1 antibody (ab106766) at 0.1 µg/ml

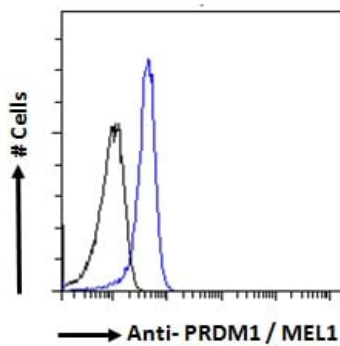
Lane 1 : A431 cell lysate

Lane 2 : K562 cell lysate

Lane 3 : K562 nuclear lysate

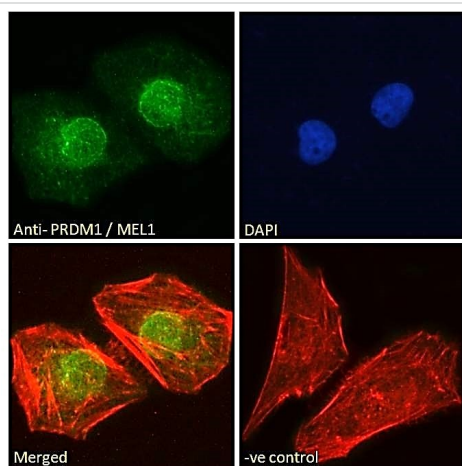
Lysates/proteins at 35 µg per lane.

Predicted band size: 92 kDa



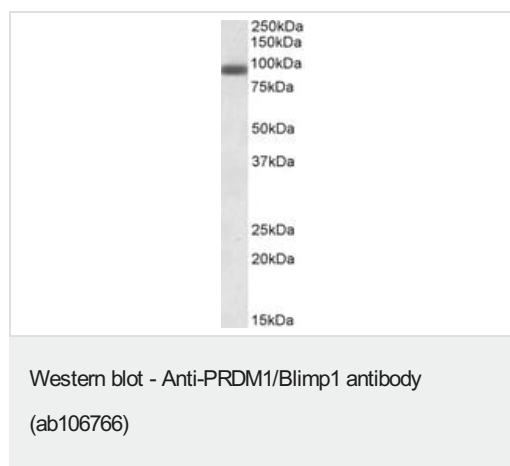
Flow Cytometry (Intracellular) - Anti-PRDM1/Blimp1 antibody (ab106766)

Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation with ab106766 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (1 µg/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Immunocytochemistry/ Immunofluorescence - Anti-PRDM1/Blimp1 antibody (ab106766)

Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation with ab106766 for 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml), showing nuclear staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml).



Anti-PRDM1/Blimp1 antibody (ab106766) at 0.3 µg/ml + A431
lysate in RIPA buffer at 35 µg

Developed using the ECL technique.

Predicted band size: 92 kDa

Observed band size: 90 kDa

Exposure time: 1 hour

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