

Anti-Plzf antibody [5B3] ab104854

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製品の概要

製品名	Anti-Plzf antibody [5B3]
製品の詳細	Mouse monoclonal [5B3] to Plzf
由来種	Mouse
アプリケーション	適用あり: WB, ICC/IF, Flow Cyt
種交差性	交差種: Human
免疫原	Purified recombinant fragment of Human Plzf expressed in E. Coli.
ポジティブ・コントロール	HeLa whole cell lysate (ab150035). HeLa cells
特記事項	<p>This product was changed from ascites to supernatant. Lot no's high than GR161367-22 are from Tissue Culture Supernatant</p> <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). Store at -20°C long term.
バッファー	Preservative: 0.05% Sodium azide Constituent: PBS
精製度	Protein G purified
特記事項(精製)	Purified from tissue culture supernatant.
ポリ/モノ	モノクローナル
クローン名	5B3
アイソタイプ	IgG1

アプリケーション

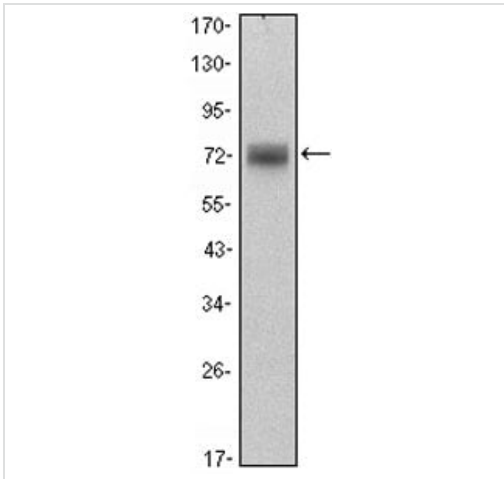
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab104854の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/2000. Predicted molecular weight: 74 kDa.
ICC/IF		Use at an assay dependent concentration.
Flow Cyt		1/50. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

ターゲット情報

機能	Probable transcription factor. May play a role in myeloid maturation and in the development and/or maintenance of other differentiated tissues. Probable substrate-recognition component of an E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.
組織特異性	Within the hematopoietic system, PLZF is expressed in bone marrow, early myeloid cell lines and peripheral blood mononuclear cells. Also expressed in the ovary, and at lower levels, in the kidney and lung.
パスウェイ	Protein modification; protein ubiquitination.
関連疾患	Skeletal defects, genital hypoplasia, and mental retardation A chromosomal aberration involving ZBTB16 may be a cause of acute promyelocytic leukemia (APL). Translocation t(11;17)(q32;q21) with RARA.
配列類似性	Belongs to the krueppel C2H2-type zinc-finger protein family. Contains 1 BTB (POZ) domain. Contains 9 C2H2-type zinc fingers.
細胞内局在	Nucleus.

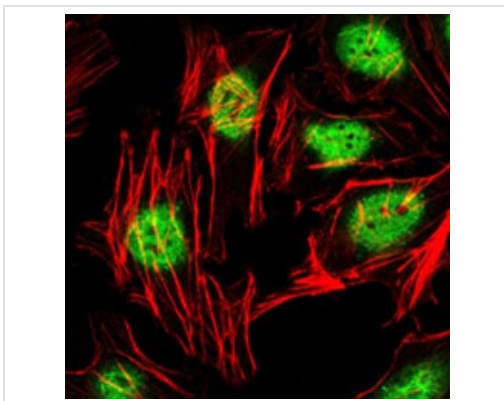
画像



Western blot - Anti-Plzf antibody [5B3] (ab104854)

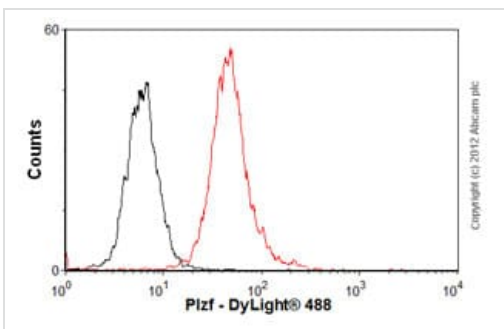
Anti-Plzf antibody [5B3] (ab104854) at 1/500 dilution + HeLa cell lysate

Predicted band size: 74 kDa



Immunocytochemistry/ Immunofluorescence - Anti-Plzf antibody [5B3] (ab104854)

Immunofluorescence analysis of HeLa cells using ab104854 (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow Cytometry - Anti-Plzf antibody [5B3] (ab104854)

Overlay histogram showing K562 cells stained with ab104854 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab104854, 1/50 dilution) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) (**ab96879**) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG1 [ICIGG1] (**ab91353**, 2µg/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed.

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