

Anti-CD79a antibody [ZL7-4] - BSA and Azide free ab270286

画像数 2

製品の概要

製品名	Anti-CD79a antibody [ZL7-4] - BSA and Azide free
製品の詳細	Mouse monoclonal [ZL7-4] to CD79a - BSA and Azide free
由来種	Mouse
アプリケーション	適用あり: Flow Cyt
種交差性	交差種: Human
免疫原	Full length native protein (purified) corresponding to Human CD79a. IgM complex isolated from Daudi cells. Database link: P11912
ポジティブ・コントロール	FL: Raji cells. ICC/IF: Raji cells.
特記事項	<p>ab270286 is a carrier free version of ab270256.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</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). Upon delivery aliquot. Store at -20°C.

	Avoid freeze / thaw cycle.
バッファー	pH: 7.2 Constituent: PBS
キャリア・フリー	はい
精製度	Protein A/G purified
特記事項(精製)	Purified from bioreactor concentrate.
ポリ/モノ	モノクローナル
クローン名	ZL7-4
アイソタイプ	IgG1
軽鎖の種類	kappa

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ab270286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
IF		Use a concentration of 1 - 2 µg/ml.
Flow Cyt		Use 1-2µg for 10 ⁶ cells.

ターゲット情報

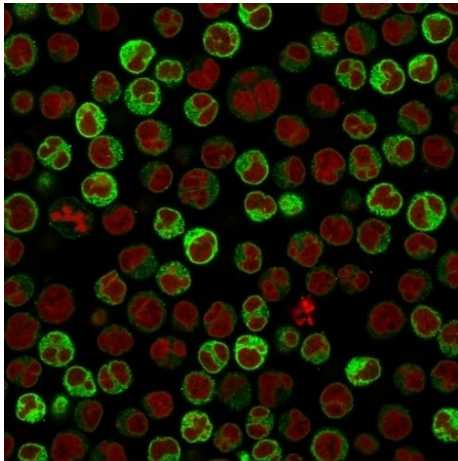
機能	Required in cooperation with CD79B for initiation of the signal transduction cascade activated by binding of antigen to the B-cell antigen receptor complex (BCR) which leads to internalization of the complex, trafficking to late endosomes and antigen presentation. Also required for BCR surface expression and for efficient differentiation of pro- and pre-B-cells. Stimulates SYK autophosphorylation and activation. Binds to BLNK, bringing BLNK into proximity with SYK and allowing SYK to phosphorylate BLNK. Also interacts with and increases activity of some Src-family tyrosine kinases. Represses BCR signaling during development of immature B cells.
組織特異性	B-cells.
関連疾患	Defects in CD79A are the cause of agammaglobulinemia type 3 (AGM3) [MIM:613501]. It is a primary immunodeficiency characterized by profoundly low or absent serum antibodies and low or absent circulating B cells due to an early block of B-cell development. Affected individuals develop severe infections in the first years of life. Note=Two different mutations, one at the splice donor site of intron 2 and the other at the splice acceptor site for exon 3, have been identified. Both mutations give rise to a truncated protein.
配列類似性	Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 ITAM domain.
翻訳後修飾	Phosphorylated on tyrosine, serine and threonine residues upon B-cell activation. Phosphorylation of tyrosine residues by Src-family kinases is an early and essential feature of the BCR signaling cascade. The phosphorylated tyrosines serve as docking sites for SH2-domain containing kinases, leading to their activation which in turn leads to phosphorylation of downstream targets. Phosphorylation of serine and threonine residues may prevent subsequent tyrosine

phosphorylation.

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Cell membrane. Following antigen binding, the BCR has been shown to translocate from detergent-soluble regions of the cell membrane to lipid rafts although signal transduction through the complex can also occur outside lipid rafts.

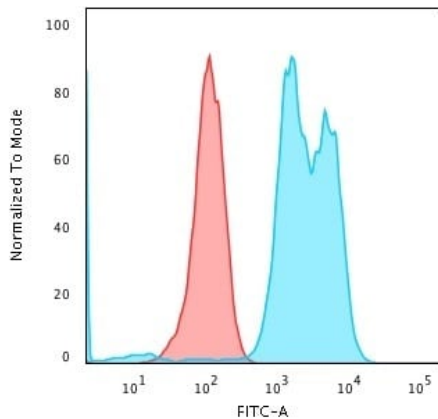
画像



Immunofluorescence - Anti-CD79a antibody [ZL7-4] - BSA and Azide free (ab270286)

Immunofluorescence analysis of Raji cells labeling CD79a (Green) using **ab270256** at 2µg/ml, followed by Goat anti-Mouse IgG-CF488. The nuclear counterstain is Reddot (Red).

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA and sodium azide (**ab270256**).



Flow Cytometry - Anti-CD79a antibody [ZL7-4] - BSA and Azide free (ab270286)

Flow cytometric analysis of Raji cells labeling CD79a (Blue) using **ab270256** at 2µg/10⁶ cells followed by goat anti-mouse IgG-CF488; isotype control (Red).

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA and sodium azide (**ab270256**).

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