

Anti-CD21 antibody [Bu32] ab54253

[2 References](#) [画像数 1](#)

製品の概要

製品名	Anti-CD21 antibody [Bu32]
製品の詳細	Mouse monoclonal [Bu32] to CD21
由来種	Mouse
アプリケーション	適用あり: Flow Cyt 適用なし: IHC-P
種交差性	交差種: Human
免疫原	Tissue, cells or virus corresponding to Human CD21. Myeloma cell line Rob
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 long term.
バッファー	Preservative: 0.02% Sodium azide Constituent: 99.98% PBS
精製度	Protein A purified
ポリクローナル	モノクローナル
クローン名	Bu32
ミエローマ	NS0
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ab54253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
Flow Cyt		Use 0.1µg for 10 ⁶ cells. 1/50 - 1/200. Use 10µl of the suggested working dilution to label 1x10 ⁶ cells in 100µl. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

追加情報

Is unsuitable for IHC-P.

ターゲット情報

機能

Receptor for complement C3Dd, for the Epstein-Barr virus on human B-cells and T-cells and for HNRPU. Participates in B lymphocytes activation.

組織特異性

Mature B-lymphocytes, T-lymphocytes, pharyngeal epithelial cells, astrocytes and follicular dendritic cells of the spleen.

関連疾患

Genetic variations in CR2 are associated with susceptibility to systemic lupus erythematosus type 9 (SLEB9) [MIM:610927]. Systemic lupus erythematosus (SLE) is a chronic autoimmune disease with a complex genetic basis. SLE is an inflammatory, and often febrile multisystemic disorder of connective tissue characterized principally by involvement of the skin, joints, kidneys, and serosal membranes. It is thought to represent a failure of the regulatory mechanisms of the autoimmune system.

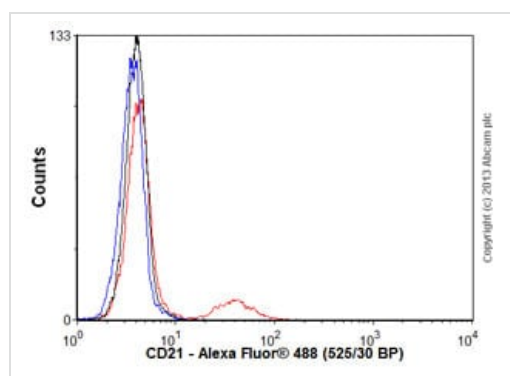
配列類似性

Belongs to the receptors of complement activation (RCA) family.
Contains 15 Sushi (CCP/SCR) domains.

細胞内局在

Membrane.

画像



Flow Cytometry - Anti-CD21 antibody [Bu32]
(ab54253)

Human peripheral blood lymphocytes stained with ab54253 (red line). Human whole blood was processed using a modified protocol based on Chow *et al*, 2005 (PMID: 16080188). In brief, human whole blood was fixed in 4% formaldehyde (methanol-free) for 10 min at 22°C. Red blood cells were then lysed by the addition of Triton X-100 (final concentration - 0.1%) for 15 min at 37°C. For experimentation, cells were treated with 50% methanol (-20°C) for 15 min at 4°C. Cells were then incubated with the antibody (ab54253, 0.1µg/1x10⁶ cells) for 30 min at 4°C. The secondary antibody used was Alexa Fluor® 488 goat anti-mouse IgG (H&L) (**ab150113**) at 1/2000 dilution for 30 min at 4°C. Isotype control antibody (black line) was mouse IgG1 [ICIGG1] (**ab91353**, 0.1µg/1x10⁶ cells) used under the same conditions. Unlabelled

sample (blue line) was also used as a control. Acquisition of >30,000 total events were collected using a 20mW Argon ion laser (488nm) and 525/30 bandpass filter. Gating strategy - peripheral blood lymphocytes.

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