

Anti-CD19 antibody [MB19-1] ab25177

4 References [画像数 1](#)

製品の概要

製品名	Anti-CD19 antibody [MB19-1]
製品の詳細	Mouse monoclonal [MB19-1] to CD19
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: Mouse
免疫原	Tissue, cells or virus corresponding to Mouse CD19. Mouse CD19 cDNA-transfected mouse 300.19 cells Database link: P25918
ポジティブ・コントロール	Flow Cyt: Mouse splenocytes
特記事項	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</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 long term. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.02% Sodium azide Constituent: PBS
特記事項(精製)	Diafiltration.
ポリモノ	モノクローナル
クローン名	MB19-1
アイソタイプ	IgA

アプリケーション

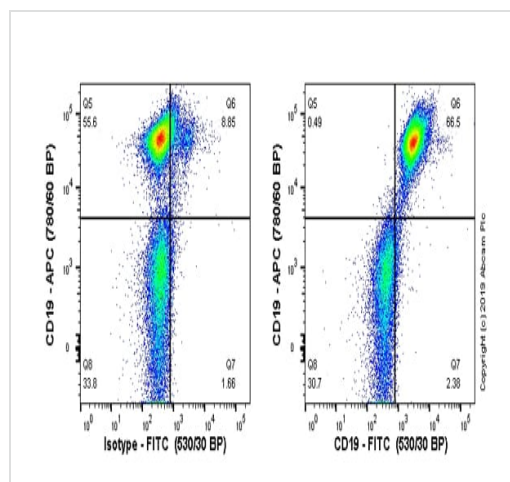
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アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt		Use a concentration of 1 - 5 µg/ml. ab37322 - Mouse monoclonal IgA, is suitable for use as an isotype control with this antibody.

ターゲット情報

機能	Assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation.
関連疾患	Defects in CD19 are the cause of immunodeficiency common variable type 3 (CVID3) [MIM:613493]; also called antibody deficiency due to CD19 defect. CVID3 is a primary immunodeficiency characterized by antibody deficiency, hypogammaglobulinemia, recurrent bacterial infections and an inability to mount an antibody response to antigen. The defect results from a failure of B-cell differentiation and impaired secretion of immunoglobulins; the numbers of circulating B cells is usually in the normal range, but can be low.
配列類似性	Contains 2 Ig-like C2-type (immunoglobulin-like) domains.
翻訳後修飾	Phosphorylated on serine and threonine upon DNA damage, probably by ATM or ATR. Phosphorylated on tyrosine following B-cell activation.
細胞内局在	Membrane.

画像



Flow Cytometry - Anti-CD19 antibody [MB19-1]
(ab25177)

C57BL6 mouse splenocytes were incubated with Mouse IgA kappa monoclonal [S107] (**ab37322**) (left) or anti-CD19 [MB19-1] antibody (ab25177) (right) at 1ug/ml for 30 min at 4+°C. The secondary antibody Goat Anti-Mouse IgA alpha chain (FITC) was used at 1/200 dilution for 30 min at 4+°C. The cells were simultaneously stained with anti-CD19 APC (10ug/ml).

Acquisition of >30,000 total events were collected. Gating strategy - live lymphocytes

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