

# Anti-CD19 antibody [MB19-1] - BSA and Azide free ab240533

画像数 1

### 製品の概要

製品名	Anti-CD19 antibody [MB19-1] - BSA and Azide free
製品の詳細	Mouse monoclonal [MB19-1] to CD19 - BSA and Azide free
由来種	Mouse
アプリケーション	<b>適用あり:</b> Flow Cyt
種交差性	<b>交差種:</b> Mouse
免疫原	Tissue, cells or virus corresponding to CD19. Mouse CD19 cDNA-transfected mouse 300.19 cells.
ポジティブ・コントロール	Flow Cyt: Mouse splenocytes
特記事項	<p>ab240533 is the carrier-free version of <a href="#">ab25177</a>.</p> <p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact <a href="mailto:orders@abcam.com">orders@abcam.com</a>.</p> <p>Our <b>carrier-free</b> 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 <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</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&amp;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 +4°C. Do Not Freeze.
バッファー	Constituent: PBS
キャリア・フリー	はい
特記事項(精製)	Purified IgA fraction.
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

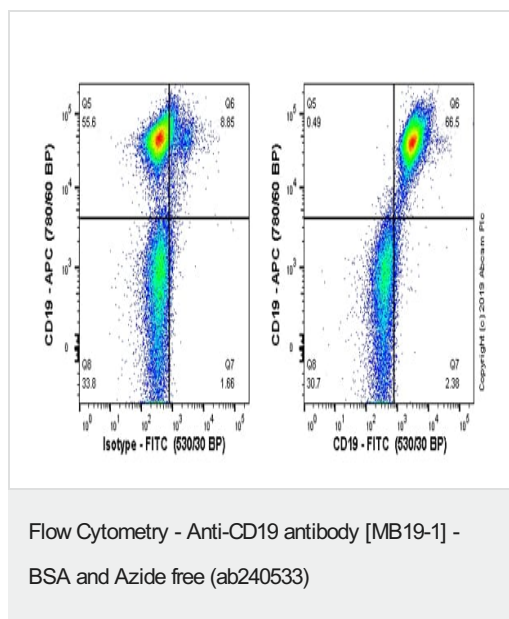
**The Abpromise guarantee**      **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab240533の使用に適用されます  
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アプリケーション	Abreviews	特記事項
Flow Cyt		Use a concentration of 1 - 5 µg/ml. <u><b>ab37322</b></u> - Mouse monoclonal IgA, is suitable for use as an isotype control 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



This data was developed using the same antibody clone in a different buffer formulation (**ab25177**).

C57BL6 mouse splenocytes were incubated with Mouse IgA kappa monoclonal [S107] (**ab37322**) (left) or anti-CD19 [MB19-1] antibody (**ab25177**) (right) at 1 µg/ml for 30 min at 4+°C. The secondary antibody Goat Anti-Mouse IgA H&L (FITC) was used at 1/2000 dilution for 30 min at 4+°C. The cells were simultaneously stained with anti-CD19 APC (10 µg/ml).

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

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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