

Anti-CD64 antibody [10.1] ab119843

9 References [画像数 3](#)

製品の概要

製品名	Anti-CD64 antibody [10.1]
製品の詳細	Mouse monoclonal [10.1] to CD64
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	Tissue, cells or virus corresponding to Human CD64. Rheumatoid synovial fluid cells and fibronectin purified Human monocytes.
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. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.40 Preservative: 0.1% Sodium azide Constituent: 99% PBS
精製度	Protein A purified
特記事項 (精製)	ab119843 is purified from cell culture supernatant by protein-A affinity chromatography. Purity is > 95% by SDS-PAGE.
ポリ/モノ	モノクローナル
クローン名	10.1
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ab119843の使用に適用されます

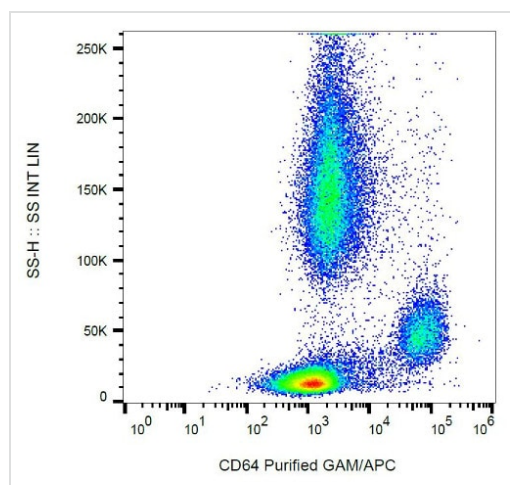
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt		Use a concentration of 1 - 5 µg/ml. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

ターゲット情報

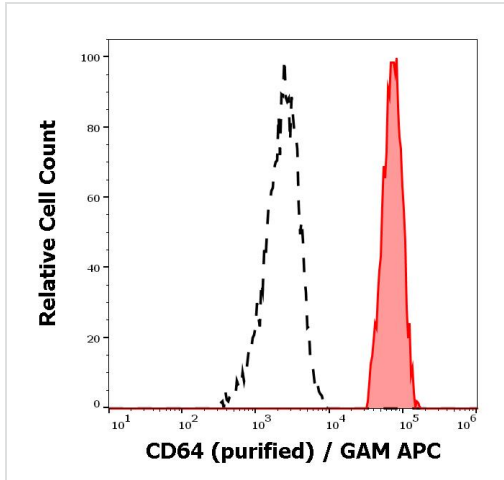
機能	High affinity receptor for the Fc region of immunoglobulins gamma. Functions in both innate and adaptive immune responses.
組織特異性	Monocyte/macrophage specific.
配列類似性	Belongs to the immunoglobulin superfamily. FCGR1 family. Contains 3 Ig-like C2-type (immunoglobulin-like) domains.
翻訳後修飾	Phosphorylated on serine residues.
細胞内局在	Cell membrane. Stabilized at the cell membrane through interaction with FCER1G.

画像



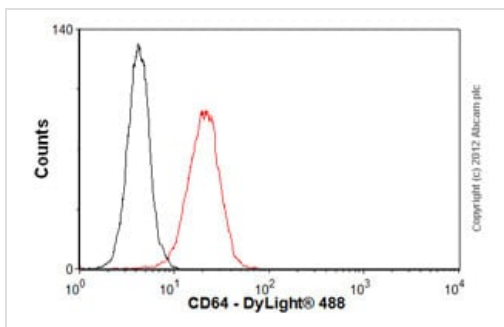
Surface staining of CD64 in human peripheral blood with anti-CD64 (10.1) purified , GAM-APC.

Flow Cytometry - Anti-CD64 antibody [10.1]
(ab119843)



Flow Cytometry - Anti-CD64 antibody [10.1]
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Flow Cytometry analysis of human peripheral whole blood labeling CD64 positive monocytes with ab119843 at 4 µg/mL (red-filled).
Negative control: CD64 negative lymphocytes (black-dashed).



Flow Cytometry - Anti-CD64 antibody [10.1]
(ab119843)

Overlay histogram showing THP1 cells stained with ab119843 (red line). The cells were fixed with 4% paraformaldehyde (10 min) and 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 (ab119843, 1µg/1x10⁶ cells) 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. This antibody gave a positive result in 80% methanol (5 min) fixed THP1 cells used under the same conditions.

Please note that Abcam do not have any data for use of this antibody on non-fixed cells. We welcome any customer feedback.

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