

Anti-CD64 antibody [10.1] ab119843

[9 References](#) [3 图像](#)

概述

产品名称	Anti-CD64抗体[10.1]
描述	小鼠单克隆抗体[10.1] to CD64
宿主	Mouse
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Human
免疫原	Tissue, cells or virus corresponding to Human CD64. Rheumatoid synovial fluid cells and fibronectin purified Human monocytes.
常规说明	<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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.40 Preservative: 0.1% Sodium azide Constituent: 99% PBS
纯度	Protein A purified
纯化说明	ab119843 is purified from cell culture supernatant by protein-A affinity chromatography. Purity is > 95% by SDS-PAGE.
克隆	单克隆
克隆编号	10.1
同种型	IgG1

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab119843 于以下的经测试应用

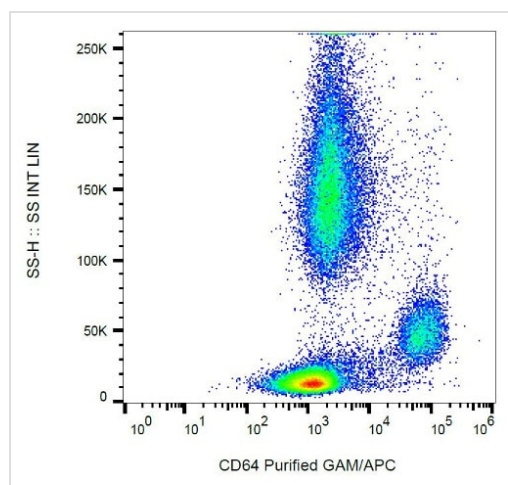
“应用说明”部分下显示的仅为推荐的起始稀释度；实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
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.

靶标

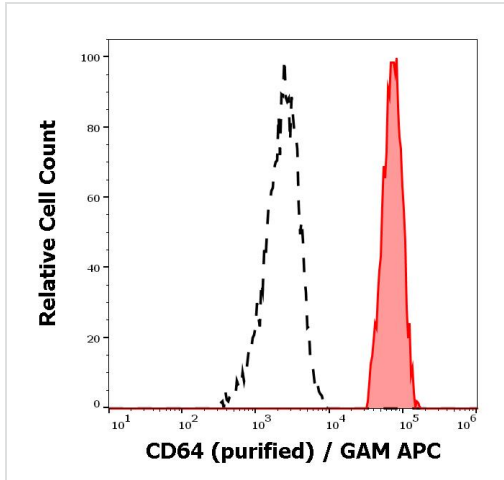
功能	High affinity receptor for the Fc region of immunoglobulins gamma. Functions in both innate and adaptive immune responses.
组织特异性	Monocyte/macrophage specific.
序列相似性	Belongs to the immunoglobulin superfamily. FCGR1 family. Contains 3 Ig-like C2-type (immunoglobulin-like) domains.
翻译后修饰	Phosphorylated on serine residues.
细胞定位	Cell membrane. Stabilized at the cell membrane through interaction with FCER1G.

图片



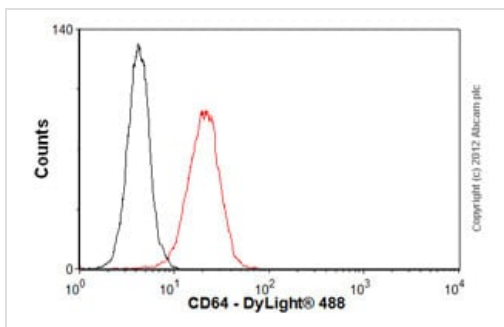
Surface staining of CD64 in human peripheral blood with anti-CD64 (10.1) purified, GAM-APC.

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



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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.

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

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