

Anti-CD68 antibody [ED1] ab31630

★★★★★ [21 Abreviews](#) [367 References](#) [画像数 1](#)

製品の概要

製品名	Anti-CD68 antibody [ED1]
製品の詳細	Mouse monoclonal [ED1] to CD68
由来種	Mouse
特異性	Ab31630 recognises a single chain glycoprotein of 110kD that is expressed predominantly on the lysosomal membrane of myeloid cells. Weak cell surface expression also occurs. The antigen is expressed by the majority of tissue macrophages and weakly by peripheral blood granulocytes. Studies have shown that the antigen recognised by ED1 is the rat homologue of human CD68.
アプリケーション	適用あり: Flow Cyt (Intra)
種交差性	交差種: Rat
免疫原	Tissue, cells or virus corresponding to Rat CD68. Rat spleen cell.
ポジティブ・コントロール	Flow Cyt (Intra): Rat peritoneal macrophages.
特記事項	<p>This product should be stored undiluted.</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 or -80°C. Avoid freeze / thaw cycle.
バッファー	<p>pH: 7.40</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituent: PBS</p>
精製度	Protein A purified
特記事項 (精製)	Purified from tissue culture supernatant.

ポリ/モノ	モノクローナル
クローン名	ED1
ミエローマ	Sp2/0-Ag14
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ab31630の使用に適用されます**

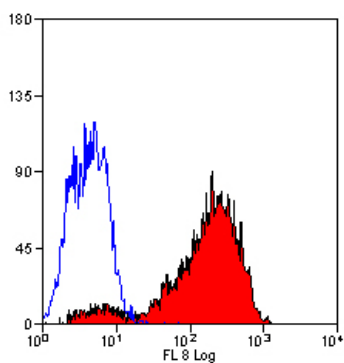
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		1/50 - 1/100. Use 10µl of the suggested working dilution to label 10 ⁶ cells in 100µl. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

ターゲット情報

機能	Could play a role in phagocytic activities of tissue macrophages, both in intracellular lysosomal metabolism and extracellular cell-cell and cell-pathogen interactions. Binds to tissue- and organ-specific lectins or selectins, allowing homing of macrophage subsets to particular sites. Rapid recirculation of CD68 from endosomes and lysosomes to the plasma membrane may allow macrophages to crawl over selectin-bearing substrates or other cells.
組織特異性	Highly expressed by blood monocytes and tissue macrophages. Also expressed in lymphocytes, fibroblasts and endothelial cells. Expressed in many tumor cell lines which could allow them to attach to selectins on vascular endothelium, facilitating their dissemination to secondary sites.
配列類似性	Belongs to the LAMP family.
翻訳後修飾	N- and O-glycosylated.
細胞内局在	Cell membrane and Endosome membrane. Lysosome membrane.

画像



Flow Cytometry (Intracellular) - Anti-CD68 antibody
[ED1] (ab31630)

Staining of rat peritoneal macrophages with Alexa Fluor[®]647 conjugated mouse anti rat CD68, clone ED1 (ab31630, red filled histogram) following permeabilization with Leucoperm.

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