

Alexa Fluor® 405 Anti-CD68 antibody [FA-11] ab199571

2 References **画像数 1**

製品の概要

製品名	Alexa Fluor® 405 Anti-CD68 antibody [FA-11]
製品の詳細	Alexa Fluor® 405 Rat monoclonal [FA-11] to CD68
由来種	Rat
標識	Alexa Fluor® 405. Ex: 402nm, Em: 421nm
アプリケーション	適用あり: ICC/IF
種交差性	交差種: Mouse
免疫原	Full length native protein (purified). This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	ICC/IF: RAW246.7 cells
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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. Store In the Dark.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 30% Glycerol (glycerin, glycerine), 1% BSA
精製度	Immunogen affinity purified
特記事項(精製)	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant.
ポリ/モノ	モノクローナル
クローン名	FA-11
アイソタイプ	IgG2a

アプリケーション

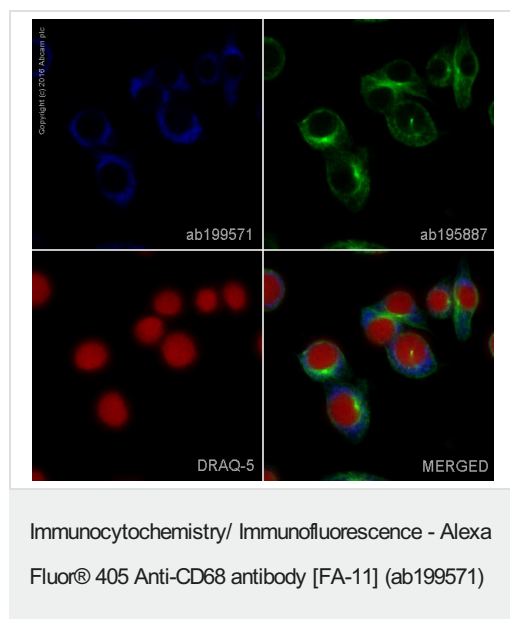
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アプリケーション	Abreviews	特記事項
ICC/IF		1/50. This product gave a positive signal in RAW264.7 cells fixed with 100% methanol (5 min)

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



ab199571 staining CD68 in RAW264.7 cells. The cells were fixed with 100% methanol (5 min), permeabilized with 0.1% Triton X-100 for 5 minutes, blocked with Image-iT® FX Signal Enhancer at room temperature for 30 minutes and then blocked with 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween for 1h. The cells were then incubated overnight at +4°C with ab199571 at 1/50 dilution (shown in blue) and **ab195887**, Mouse monoclonal to alpha Tubulin (Alexa Fluor® 488), at 1/250 dilution (shown in green). Nuclear DNA was labelled with **ab108410**, DRAQ5™ at 1.25uM (1/4000 dilution) (shown in red).

Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8).

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