

Anti-F4/80 antibody [Cl:A3-1] - Macrophage Marker ab6640

★★★★★ [69 Abreviews](#) [961 References](#) [5 图像](#)

概述

产品名称	Anti-F4/80抗体[Cl:A3-1] - Macrophage Marker
描述	大鼠单克隆抗体[Cl:A3-1] to F4/80 - Macrophage Marker
宿主	Rat
特异性	Anti-F4/80 antibody (ab6640) recognises the mouse F4/80 antigen, a 160kD glycoprotein expressed by murine macrophages.
经测试应用	适用于: Flow Cyt, ICC/IF
种属反应性	与反应: Mouse
免疫原	Tissue, cells or virus corresponding to F4/80. Thioglycollate stimulated peritoneal macrophages from C57/BL mice
阳性对照	ICC/IF: Raw 264.7 cells, mouse bone marrow cells. Flow Cyt: J774 cells and peritoneal macrophages.
常规说明	<p>Please note we cannot guarantee IHC-P, however should you use this application for this product then please use a specific protocol which can be found in the protocols section of our datasheet here.</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>

性能

形式	Liquid
存放说明	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.
存储溶液	Preservative: 0.09% Sodium azide Constituent: PBS
纯度	Protein G purified
纯化说明	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant.

克隆	单克隆
克隆编号	Cl:A3-1
骨髓瘤	NS1
同种型	IgG2b

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab6640于以下的经测试应用

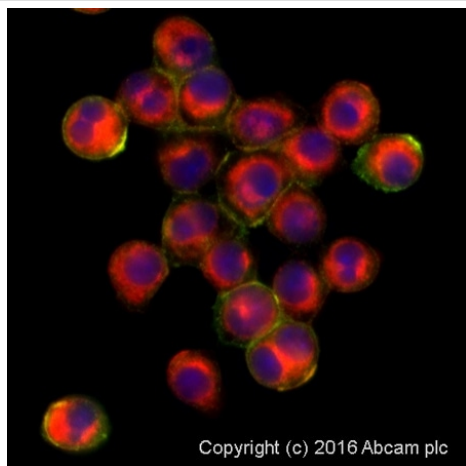
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt		1/10 - 1/50. ab18536 - Rat monoclonal IgG2b, is suitable for use as an isotype control with this antibody.
ICC/IF	★★★★★ (11)	Use a concentration of 5 - 10 µg/ml. We recommend ab150165 Goat Anti-Rat IgG H&L (Alexa Fluor® 488) secondary antibody.

靶标

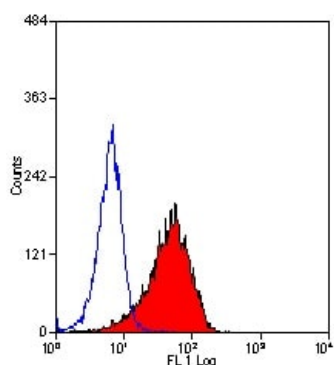
功能	Orphan receptor involved in cell adhesion and probably in cell-cell interactions specifically involving cells of the immune system. May play a role in regulatory T-cells (Treg) development.
组织特异性	Expression is restricted to eosinophils.
序列相似性	Belongs to the G-protein coupled receptor 2 family. Adhesion G-protein coupled receptor (ADGR) subfamily. Contains 6 EGF-like domains. Contains 1 GPS domain.
细胞定位	Cell membrane.

图片



Immunocytochemistry/ Immunofluorescence - Anti-F4/80 antibody [Cl:A3-1] - Macrophage Marker (ab6640)

ab6640 stained Raw 264.7 cells. The cells were 100% methanol fixed for 5 minutes at room temperature and then incubated in 1% BSA / 10% normal Goat serum / 0.3M glycine in 0.1% PBS-Tween for 1 hour at room temperature to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab6640 at 5 µg/ml) overnight at +4°C. The secondary antibody (pseudo-colored green) was **ab150165 Goat Anti-Rat IgG H&L (Alexa Fluor® 488)** preadsorbed used at a 1/1000 dilution for 1 hour at room temperature. Alexa Fluor® 594 WGA was used to label plasma membranes (pseudo-colored red) at a 1/200 dilution for 1 hour at room temperature. DAPI was used to stain the cell nuclei (pseudo-colored blue) at a concentration of 1.43 µM for 1 hour at room temperature.



Flow Cytometry - Anti-F4/80 antibody [Cl:A3-1] - Macrophage Marker (ab6640)

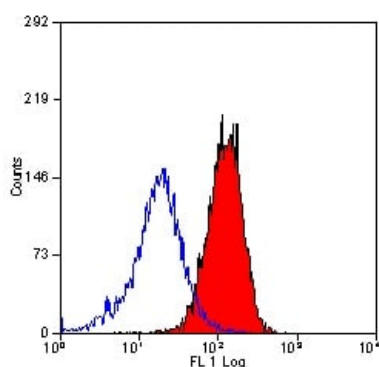
Flow cytometry analysis of J774 cells labelling F4/80 (red) with ab6640 at a dilution of 1/10 followed by streptavidin FITC secondary at 1/100 dilution. The blue line shows J774 cells stained with Rat anti mouse isotype control.



Immunocytochemistry/ Immunofluorescence - Anti-F4/80 antibody [Cl:A3-1] - Macrophage Marker (ab6640)

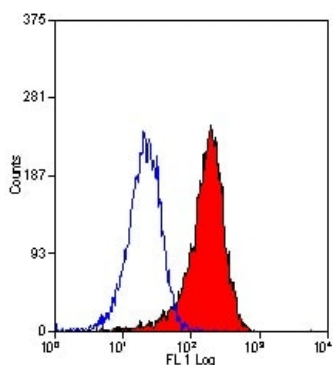
This image is courtesy of an anonymous Abreview

ab6640 staining F4/80 in mouse bone marrow cells by immunocytochemistry/ immunofluorescence. Cells were formaldehyde fixed and permeabilized in 0.2% Triton X-100 prior to blocking in 2% BSA for 30 minutes at 20°C. The primary antibody was diluted 1/200 and incubated with the sample for 9 hours at 4°C. Alexa fluor® 488 goat polyclonal to rat Ig, diluted 1/200, was used as the secondary antibody.



Flow Cytometry - Anti-F4/80 antibody [Cl:A3-1] -
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Flow cytometry analysis of peritoneal macrophages labelling F4/80 (red) with ab6640 at a dilution of 1/10. The blue line shows J774 cells stained with Rat anti mouse isotype control.



Flow Cytometry - Anti-F4/80 antibody [Cl:A3-1] -
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Flow cytometry analysis of J774 cells labelling F4/80 (red) with ab6640 at a dilution of 1/50 followed by goat anti rat IgG FITC secondary antibody at 1/100 dilution. The blue line shows J774 cells stained with Rat anti mouse isotype control.

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