

# Alexa Fluor® 488 Anti-CD11b + CD11c antibody [OX42] ab216355

[1 References](#) [2 图像](#)

### 概述

产品名称	Alexa Fluor® 488荧光Anti-CD11b + CD11c抗体[OX42]
描述	Alexa Fluor® 488荧光小鼠单克隆抗体[OX42] to CD11b + CD11c
宿主	Mouse
偶联物	Alexa Fluor® 488. Ex: 495nm, Em: 519nm
经测试应用	适用于: IHC-Fr
种属反应性	与反应: Rat 不与反应: Mouse
免疫原	Tissue, cells or virus corresponding to Rat CD11b. Resident peritoneal macrophages from (PVG.RT1[c] x PVG.RT1[u]) and (PVG.RT1[c] x PVG.RT1[a]) F1-hybrid rat.
阳性对照	IHC-Fr: normal rat brain and spleen tissue sections
常规说明	PMID: 7868861. The antigen is temperature sensitive; we may recommend following the conditions as recommended in this publication. As per publication low temperature paraffin, using 0.5 to 2% paraformaldehyde fixation instead of 4% or using periodate-lysine-paraformaldehyde (PLP) + 0.25% PFA and 0.1% glutaraldehyde might be helpful in detection. In case of any question please do not hesitate to contact technical team at <a href="mailto:technical@abcam.com">technical@abcam.com</a> .  The principal use of this antibody is in the study of functional heterogeneity of macrophages; it may be used to follow macrophage differentiation and to investigate the function of the CD11b + CD11c equivalent antigen.

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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.

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

## 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. Avoid freeze / thaw cycle. Store In the Dark.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 30% Glycerol (glycerin, glycerine), 1% BSA, PBS
纯度	Protein G purified
克隆	单克隆
克隆编号	OX42
同种型	IgG2a
轻链类型	kappa

## 应用

**The Abpromise guarantee**      **Abpromise™** 承诺保证使用ab216355于以下的经测试应用

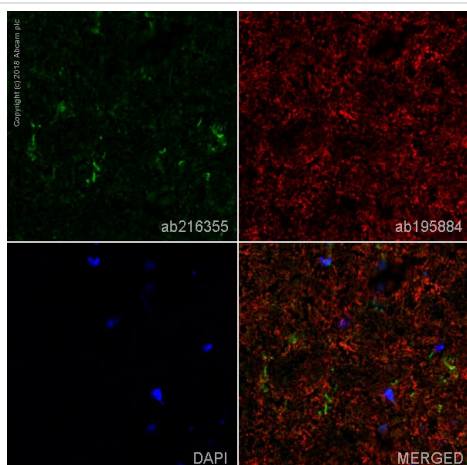
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-Fr		1/100.

## 靶标

细胞定位      CD11b: Membrane. CD11c: Membrane.

## 图片



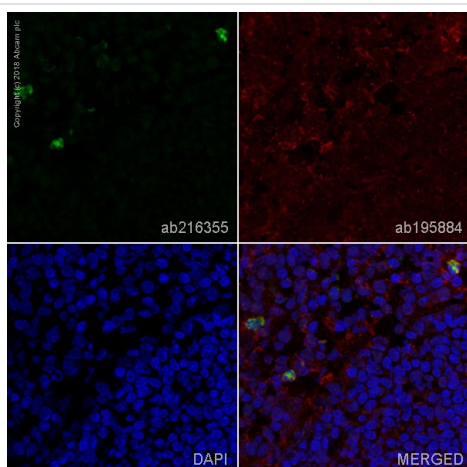
Immunohistochemistry (Frozen sections) - Alexa Fluor® 488 Anti-CD11b + CD11c antibody [OX42] (ab216355)

IHC image of CD11b + CD11c staining in a section of frozen normal rat brain.

The section was fixed using 10% formaldehyde in 1XPBS for 10 minutes. No antigen retrieval step was performed prior to staining. Non-specific protein-protein interactions were then blocked in TBS containing 0.025% (v/v) Triton X-100, 0.3M (w/v) glycine and 1% (w/v) BSA for 1h at room temperature. The section was then incubated overnight at +4°C in TBS containing 0.025% (v/v) Triton X-100 and 1% (w/v) BSA with ab216355 at 1/100 dilution (shown in green) and counterstained using [ab195884](#), Rat monoclonal to Tubulin (Alexa Fluor® 647), at 1/250 dilution (shown in red). Nuclear DNA was labelled with DAPI (shown in blue). The section was then mounted using Fluoromount®.

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

For other IHC staining systems (automated and non-automated), customers should optimize variable parameters such as antigen retrieval conditions, antibody concentrations and incubation times.



Immunohistochemistry (Frozen sections) - Alexa Fluor® 488 Anti-CD11b + CD11c antibody [OX42] (ab216355)

IHC image of CD11b + CD11c staining in a section of frozen normal rat spleen.

The section was fixed using 10% formaldehyde in 1XPBS for 10 minutes. No antigen retrieval step was performed prior to staining. Non-specific protein-protein interactions were then blocked in TBS containing 0.025% (v/v) Triton X-100, 0.3M (w/v) glycine and 1% (w/v) BSA for 1h at room temperature. The section was then incubated overnight at +4°C in TBS containing 0.025% (v/v) Triton X-100 and 1% (w/v) BSA with ab216355 at 1/100 dilution (shown in green) and counterstained using [ab195884](#), Rat monoclonal to Tubulin (Alexa Fluor® 647), at 1/250 dilution (shown in red). Nuclear DNA was labelled with DAPI (shown in blue). The section was then mounted using Fluoromount®.

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

For other IHC staining systems (automated and non-automated), customers should optimize variable parameters such as antigen retrieval conditions, antibody concentrations and incubation times.

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

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