

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

1 [References](#) **2** [画像数](#)

製品の概要

製品名	Alexa Fluor® 488 Anti-CD11b + CD11c antibody [OX42]
製品の詳細	Alexa Fluor® 488 Mouse monoclonal [OX42] to CD11b + CD11c
由来種	Mouse
標識	Alexa Fluor® 488. Ex: 495nm, Em: 519nm
アプリケーション	適用あり: IHC-Fr
種交差性	交差種: Rat 非交差種: 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.
ポジティブ・コントロール	IHC-Fr: normal rat brain and spleen tissue sections
特記事項	<p>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 technical@abcam.com.</p> <p>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.</p>

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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

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. Avoid freeze / thaw cycle. Store In the Dark.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 30% Glycerol (glycerin, glycerine), 1% BSA, PBS
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	OX42
アイソタイプ	IgG2a
軽鎖の種類	kappa

アプリケーション

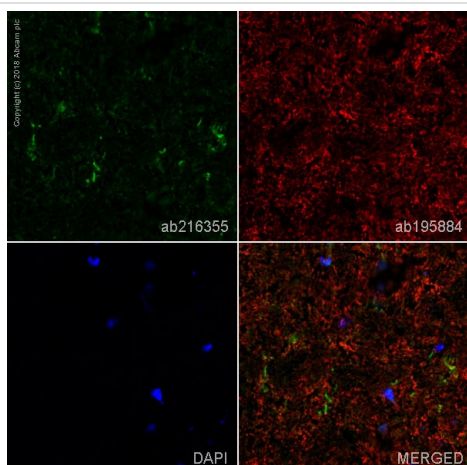
The Abpromise guarantee **Abpromise保証は、**次のテスト済みアプリケーションにおけるab216355の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-Fr		1/100.

ターゲット情報

細胞内局在 CD11b: Membrane. CD11c: Membrane.

画像



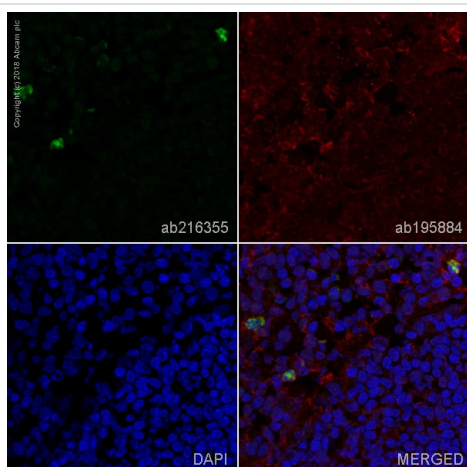
Immunohistochemistry (Frozen sections) - Alexa Fluor® 488 Anti-CD11b + CD11c antibody [OX42] (ab216355)

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.

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