

Anti-C5a / C5a des Arg antibody [2942] ab11877

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製品の概要

製品名	Anti-C5a / C5a des Arg antibody [2942]
製品の詳細	Mouse monoclonal [2942] to C5a / C5a des Arg
由来種	Mouse
特異性	This antibody reacts with a neo-epitope on C5a that is formed upon cleavage of C5 into C5a and C5b. It will detect C5a and C5a des-Arg (Not C5).
アプリケーション	適用あり: ICC/IF, IHC-P
種交差性	交差種: Human
免疫原	This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	Eye tissue of patient with age-related macular degeneration AMD IF/ICC: HeLa cell line.
特記事項	<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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.02% Sodium azide Constituents: PBS, 0.1% BSA
精製度	Protein G purified
特記事項(精製)	0.2 µm filtered
ポリ/モノ	モノクローナル
クローン名	2942
アイソタイプ	IgG2a

アプリケーション

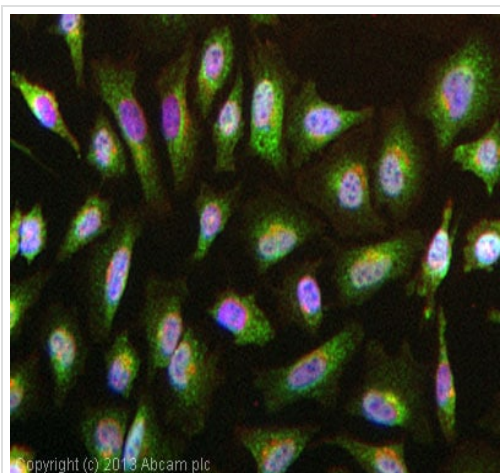
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab11877の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
ICC/IF		Use a concentration of 10 µg/ml.
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

ターゲット情報

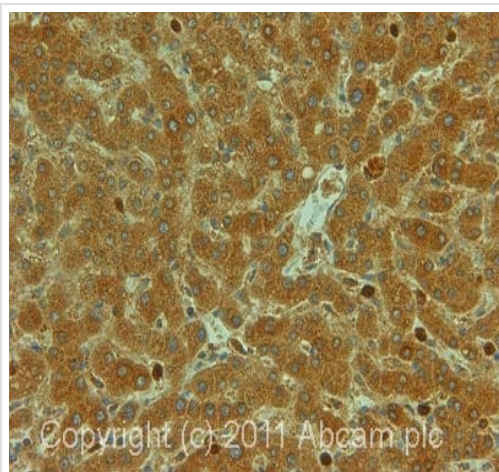
関連性 C5 is involved in the activation of the lytic pathway within the complement system, which is an important factor in innate immunity.

画像



ICC/IF image of ab11877 stained HeLa cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab11877, 10µg/ml) overnight at +4°C. The secondary antibody (green) was **ab96879**, DyLight® 488 goat anti-mouse IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

Immunocytochemistry/ Immunofluorescence - Anti-C5a / C5a des Arg antibody [2942] (ab11877)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-C5a / C5a des Arg antibody [2942] (ab11877)

IHC image of ab11877 staining in normal human liver formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab11877, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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

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