

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

5 References **2 图像**

概述

产品名称	Anti-C5a / C5a des Arg抗体[2942]
描述	小鼠单克隆抗体[2942] to C5a / C5a des Arg
宿主	Mouse
特异性	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).
经测试应用	适用于: ICC/IF, IHC-P
种属反应性	与反应: Human
免疫原	This information is proprietary to Abcam and/or its suppliers.
阳性对照	Eye tissue of patient with age-related macular degeneration AMD IF/ICC: HeLa cell line.
常规说明	<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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.02% Sodium azide Constituents: PBS, 0.1% BSA
纯度	Protein G purified
纯化说明	0.2 µm filtered
克隆	单克隆
克隆编号	2942
同种型	IgG2a

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab11877 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。

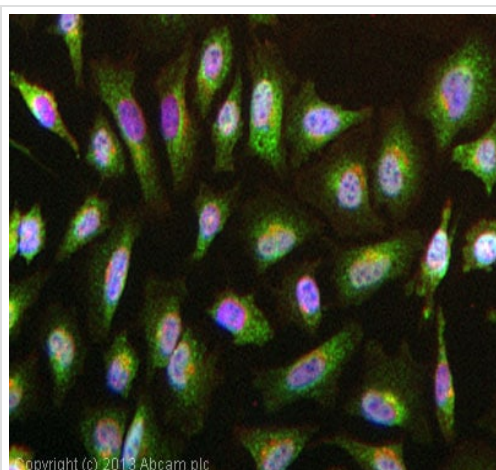
应用	Ab 评论	说明
ICC/IF		Use a concentration of 10 µg/ml.
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

相关性

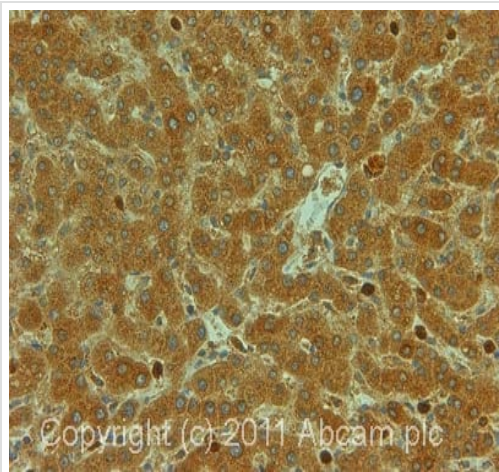
C5 is involved in the activation of the lytic pathway within the complement system, which is an important factor in innate immunity.

图片



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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