

Anti-C5 / C5a antibody [557] ab11876

★★★★★ **1 Abreviews** **6 References**

概述

产品名称	Anti-C5 / C5a抗体[557]
描述	小鼠单克隆抗体[557] to C5 / C5a
宿主	Mouse
特异性	This antibody reacts with an epitope on C5 and C5a. The antibody 557 is capable to inhibit the binding of C5a to the C5a receptor through a competitive mechanism, it does not block the cleavage of C5 into C5a and C5b.
经测试应用	适用于: WB, Inhibition Assay, Functional Studies, ELISA
种属反应性	与反应: Human
免疫原	Other Immunogen Type corresponding to Human C5/ C5a. Database link: <u>P01031</u>
表位	Ab11876 recognizes an epitope located within the alpha-chain of C5 that corresponds to C5a.
阳性对照	Recombinant C5
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	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	557
同种型	IgG2a

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab11876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
WB		Use at an assay dependent concentration.
Inhibition Assay		Use at an assay dependent concentration.
Functional Studies		Use at an assay dependent concentration.
ELISA	★★★★★ (1)	Use at an assay dependent concentration.

靶标

功能	Activation of C5 by a C5 convertase initiates the spontaneous assembly of the late complement components, C5-C9, into the membrane attack complex. C5b has a transient binding site for C6. The C5b-C6 complex is the foundation upon which the lytic complex is assembled. Derived from proteolytic degradation of complement C5, C5 anaphylatoxin is a mediator of local inflammatory process. It induces the contraction of smooth muscle, increases vascular permeability and causes histamine release from mast cells and basophilic leukocytes. C5a also stimulates the locomotion of polymorphonuclear leukocytes (chemokinesis) and direct their migration toward sites of inflammation (chemotaxis).
疾病相关	Complement component 5 deficiency An association study of C5 haplotypes and genotypes in individuals with chronic hepatitis C virus infection shows that individuals homozygous for the C5_1 haplotype have a significantly higher stage of liver fibrosis than individuals carrying at least 1 other allele (PubMed:15995705).
序列相似性	Contains 1 anaphylatoxin-like domain. Contains 1 NTR domain.
细胞定位	Secreted.

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