

Product datasheet

Anti-C5 / C5a antibody [561] ab11875

概述

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|-------|---|
| 产品名称 | Anti-C5 / C5a抗体[561] |
| 描述 | 小鼠单克隆抗体[561] to C5 / C5a |
| 特异性 | This antibody reacts with the N-terminus of C5. It reacts with intact C5 as with C5a. |
| 经测试应用 | 适用于: Functional Studies |
| 种属反应性 | 与反应: Human |
| 免疫原 | Unfortunately, this information is considered to be commercially sensitive |

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: None Constituents: 0.1% BSA, PBS |
| 纯度 | Protein G purified |
| 纯化说明 | 0.2 µm filtered |
| 克隆 | 单克隆 |
| 克隆编号 | 561 |
| 同种型 | IgG2a |

应用

Our [Abpromise guarantee](#) covers the use of **ab11875** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| 应用 | Ab评论 | 说明 |
|--------------------|------|-------------------------------------|
| Functional Studies | | Use at an assay dependent dilution. |

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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