

### Anti-C5 / C5a antibody [557] ab11876

★★★★★ [1 Abreviews](#) [6 References](#)

#### 製品の概要

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製品名	Anti-C5 / C5a antibody [557]
製品の詳細	Mouse monoclonal [557] to C5 / C5a
由来種	Mouse
特異性	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.
アプリケーション	<b>適用あり:</b> WB, Inhibition Assay, Functional Studies, ELISA
種交差性	<b>交差種:</b> Human
免疫原	Other Immunogen Type corresponding to Human C5/ C5a. Database link: <a href="#">P01031</a>
エピトープ	Ab11876 recognizes an epitope located within the alpha-chain of C5 that corresponds to C5a.
ポジティブ・コントロール	Recombinant C5
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&amp;As</p>

#### 製品の特性

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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	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	557
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ab11876の使用に適用されず**  
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
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.

## ターゲット情報

機能	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).
関連疾患	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).
配列類似性	Contains 1 anaphylatoxin-like domain. Contains 1 NTR domain.
細胞内局在	Secreted.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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