

### FITC Anti-C1q antibody ab4223

★★★★★ [2 Abreviews](#) [8 References](#) [2 图像](#)

#### 概述

产品名称	FITC荧光Anti-C1q抗体
描述	FITC荧光兔多克隆抗体to C1q
宿主	Rabbit
偶联物	FITC. Ex: 493nm, Em: 528nm
经测试应用	<b>适用于:</b> IHC-P, Flow Cyt, ICC
种属反应性	<b>与反应:</b> Human
免疫原	Full length native protein (purified) corresponding to Human C1q. C1q isolated from the normal human serum.
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&amp;As</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Preservative: 0.05% Sodium azide Constituent: 1% BSA
纯度	IgG fraction
纯化说明	Traces of contaminating antibodies have been removed by solid phase absorption with human plasma proteins.
克隆	多克隆
同种型	IgG

#### 应用

## The Abpromise guarantee

**Abpromise™** 承诺保证使用ab4223于以下的经测试应用

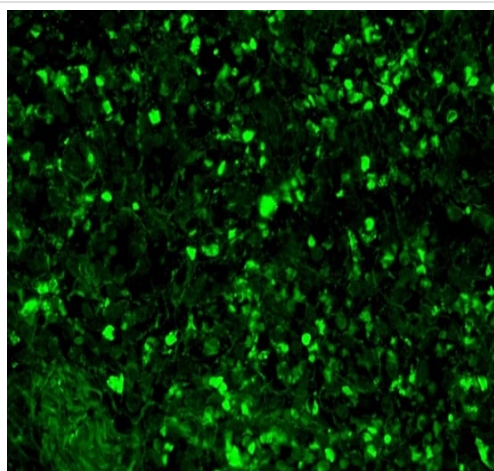
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. PubMed: 21746929 <b>ab37406</b> - Rabbit polyclonal IgG, is suitable for use as an isotype control with this antibody.
ICC		Use at an assay dependent concentration.

## 靶标

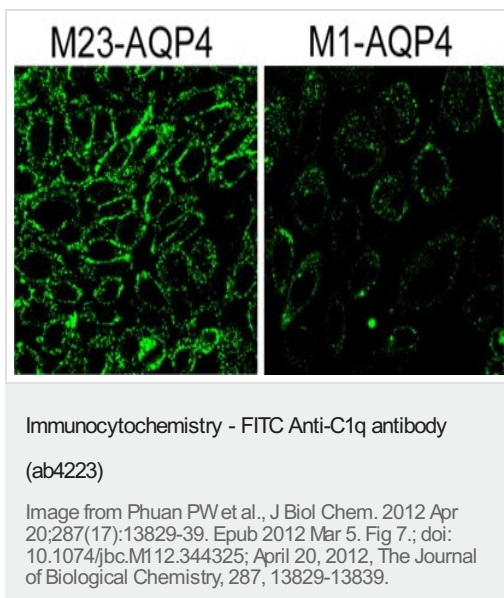
功能	C1q associates with the proenzymes C1r and C1s to yield C1, the first component of the serum complement system. The collagen-like regions of C1q interact with the Ca(2+)-dependent C1r(2)C1s(2) proenzyme complex, and efficient activation of C1 takes place on interaction of the globular heads of C1q with the Fc regions of IgG or IgM antibody present in immune complexes.
疾病相关	Defects in C1QA are a cause of complement component C1q deficiency (C1QD) [MIM:613652]. A rare defect resulting in C1 deficiency and impaired activation of the complement classical pathway. C1 deficiency generally leads to severe immune complex disease with features of systemic lupus erythematosus and glomerulonephritis.
序列相似性	Contains 1 C1q domain. Contains 1 collagen-like domain.
翻译后修饰	O-linked glycans consist of Glc-Gal disaccharides bound to the oxygen atom of post-translationally added hydroxyl groups.
细胞定位	Secreted.

## 图片



Immunocytochemistry - FITC Anti-C1q antibody  
(ab4223)

C1q isolated from the NHS. This antibody reacts with the Human C1q complement. Traces of contaminating antibodies have been removed by solid phase absorption with human plasma proteins. This antibody is well suited for tissue section staining but may also be used for other applications.



ab4223, staining C1q in CHO-K1 cells transfected with M1-AQP4 or M23-AQP4 by Immunocytochemistry/ Immunofluorescence.

Cells were incubated at room temperature with recombinant monoclonal NMO antibody and 120 µg/ml human C1q protein (**ab96363**). Cells were washed with PBS, fixed in paraformaldehyde and permeabilized with 0.1% Triton X-100. Cells were blocked with 1% BSA for 30 min and incubated for 60 min with primary antibody against C1q (ab4223) at 1/200 dilution.

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

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