

### Anti-C2 antibody [6E3] ab17452

#### 1 References

#### 概述

产品名称	Anti-C2抗体[6E3]
描述	小鼠单克隆抗体[6E3] to C2
宿主	Mouse
特异性	Strong reaction is seen with human serum/plasma and no reaction is seen with serum from patients deficient in C2. ab17452 reacts with C2 and a subfraction of C2 believed to be C2b.
经测试应用	<b>适用于:</b> ELISA, WB
种属反应性	<b>与反应:</b> Human
免疫原	Full length native complement component C2 protein, isolated from human plasma.
表位	Epitope specificity differs from that of <b>ab17451</b> as determined by inhibition ELISA.
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	<p>pH: 7.40</p> <p>Preservative: 0.097% Sodium azide</p> <p>Constituents: 0.0268% PBS, 2.9% Sodium chloride</p>
纯度	Protein G purified
克隆	单克隆
克隆编号	6E3
骨髓瘤	x63-Ag8.653
同种型	IgG1
轻链类型	kappa

## 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab17452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
ELISA		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.

## 靶标

功能	Component C2 which is part of the classical pathway of the complement system is cleaved by activated factor C1 into two fragments: C2b and C2a. C2a, a serine protease, then combines with complement factor 4b to generate the C3 or C5 convertase.
疾病相关	Defects in C2 are the cause of complement component 2 deficiency (C2D) [MIM:217000]. A deficiency of the complement classical pathway associated with the development of autoimmune disorders, mainly systemic lupus erythematosus. Skin and joint manifestations are common and renal disease is relatively rare. Patients with complement component 2 deficiency are also reported to have recurrent or invasive infections.
序列相似性	Belongs to the peptidase S1 family. Contains 1 peptidase S1 domain. Contains 3 Sushi (CCP/SCR) domains. Contains 1 VWFA domain.
细胞定位	Secreted.

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