

Anti-C Reactive Protein antibody [C6] ab8278

5 References **2 图像**

概述

产品名称	Anti-C Reactive蛋白抗体[C6]
描述	小鼠单克隆抗体[C6] to C Reactive蛋白
宿主	Mouse
经测试应用	适用于: Sandwich ELISA
种属反应性	与反应: Human
免疫原	Full length native protein (purified) corresponding to Human C Reactive Protein. Database link: <u>P02741</u>
常规说明	Specific antibody titer in ELISA is > 10 to the power of -6 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. 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

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	pH: 7.40 Preservative: 0.1% Sodium azide Constituent: PBS
纯度	Protein A purified
克隆	单克隆
克隆编号	C6
骨髓瘤	Sp2/0
同种型	IgG2a
轻链类型	unknown

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab8278于以下的经测试应用

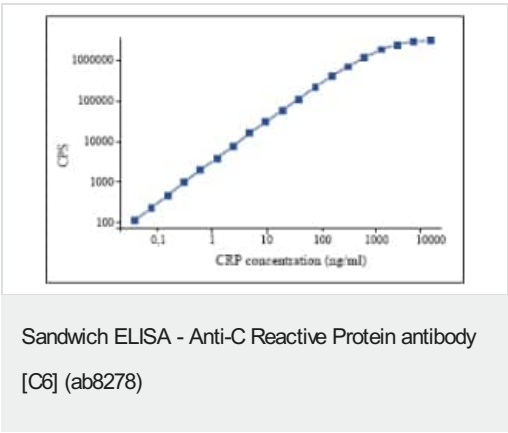
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Sandwich ELISA		Use at an assay dependent concentration. Can be paired for Sandwich ELISA with Mouse monoclonal [C2] to C Reactive Protein (ab136176) . Recommended pairs for sandwich immunoassay (capture - detection): C2 - C6 C5 - C6

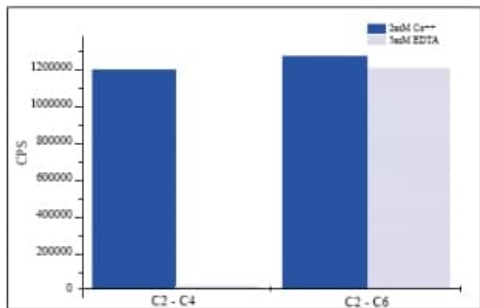
靶标

功能	Displays several functions associated with host defense: it promotes agglutination, bacterial capsular swelling, phagocytosis and complement fixation through its calcium-dependent binding to phosphorylcholine. Can interact with DNA and histones and may scavenge nuclear material released from damaged circulating cells.
组织特异性	Found in plasma.
序列相似性	Belongs to the pentaxin family. Contains 1 pentaxin domain.
细胞定位	Secreted.

图片



Calibration curve using **ab8277** [C2] (biotinylated) and ab8278 [C6] (labelled with stable Eu3+ chelate) in a sandwich ELISA. Mixture of antibodies and antigen (10 µl sample) were incubated for 10 minutes at R.T. in streptavidin coated plates.



Sandwich ELISA - Anti-C Reactive Protein antibody
[C6] (ab8278)

Sensitivity to EDTA. Serum samples with (dark blue) and w/o (light blue) Ca^{2+} ions were tested by two two-site combinations of anti-CRP MAb. Ab10028 [C4] is sensitive to the conformational changes of CRP molecule and thus the assay gives no signal in the presence of EDTA. Sandwich immunoassay utilizing **ab8277** [C2] and ab8278 [C6] recognizes the antigen with the same efficiency in the presence and in the absence of EDTA.

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