Product datasheet

Anti-C Reactive Protein antibody [C5] ab8279

Overview

Product name  Anti-C Reactive Protein antibody [C5]
Description  Mouse monoclonal [C5] to C Reactive Protein
Host species  Mouse
Specificity  Human CRP Specific antibody titer in ELISA is > 10 to the power of -6
Tested applications  Suitable for: ELISA, Sandwich ELISA
Species reactivity  Reacts with: Human
Immunogen  Full length native protein (purified) (Human).
General notes  Abcam is committed to meeting high quality standards of ethical manufacturing and has decided to discontinue this product by June 2020 as it has been generated by the ascites method. We are sorry for any inconvenience this may cause. We suggest ab31156 or ab50861 as possible replacements.

Detects CRP in the presence and absence of Ca2+.

Properties

Form  Liquid
Storage instructions  Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer  pH: 7.40
Preservative: 0.1% Sodium azide
Purity  Ascites
Purification notes  Purified from ascites.
Primary antibody notes  detects CRP in the presence and absence of Ca2+.
Clonality  Monoclonal
Clone number  C5
Myeloma  Sp2/0
Isotype  IgG2a
Light chain type  unknown
Function
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.

Tissue specificity
Found in plasma.

Sequence similarities
Belongs to the pentaxin family.
Contains 1 pentaxin domain.

Cellular localization
Secreted.

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