

Product datasheet

Anti-C Reactive Protein antibody [C5] ab110654

1 Image

Overview

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<b>Product name</b>	Anti-C Reactive Protein antibody [C5]
<b>Description</b>	Mouse monoclonal [C5] to C Reactive Protein
<b>Host species</b>	Mouse
<b>Specificity</b>	ab110654 recognises Human C Reactive Protein both-in the presence and in the absence (samples containing EDTA) of Ca <sup>2+</sup> .
<b>Tested applications</b>	<b>Suitable for:</b> Sandwich ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Purified Human C Reactive Protein
<b>General notes</b>	Affinity Constant: 1.7 x 10 <sup>-8</sup>

Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.1% Sodium azide Constituent: PBS
<b>Purity</b>	Protein A purified
<b>Purification notes</b>	>90% pure (SDS-PAGE); purified from ascites.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	C5
<b>Myeloma</b>	Sp2/0
<b>Isotype</b>	IgG2a

Applications

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Our [Abpromise guarantee](#) covers the use of **ab110654** in the following tested applications.

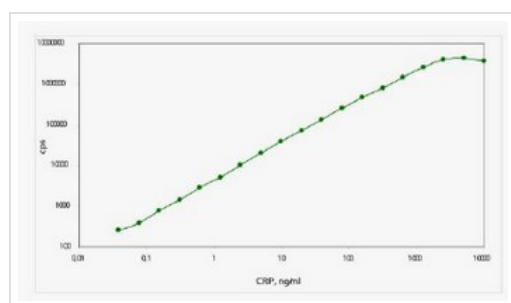
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Sandwich ELISA		Use at an assay dependent dilution. used as the detection antibody. Titer: $>10^{-6}$

## Target

<b>Function</b>	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.
<b>Tissue specificity</b>	Found in plasma.
<b>Sequence similarities</b>	Belongs to the pentaxin family. Contains 1 pentaxin domain.
<b>Cellular localization</b>	Secreted.

## Images



Sandwich ELISA - C Reactive Protein antibody [C5]  
(ab110654)

ab110654 capture antibody and [ab76434](#) detection antibody ELISA assay. Mixture of antibodies and antigen samples (10ul) was incubated for 30 minutes at room temperature in streptavidin coated plates.

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