

Product datasheet

Anti-C Reactive Protein antibody [C5] ab110654

1 Image

Overview

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

Properties

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

Applications

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

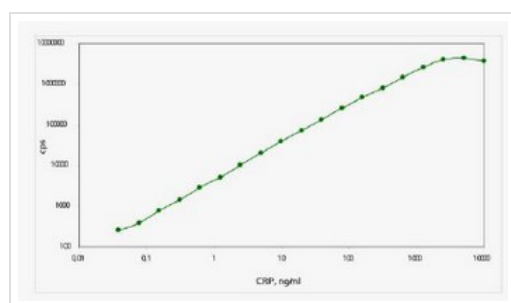
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Sandwich ELISA		Use at an assay dependent dilution. used as the detection antibody. Titer: >10 ⁻⁶

Target

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.

Images



Sandwich ELISA - Anti-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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