

HRP Anti-C Reactive Protein antibody [C6] ab24462

4 References

Overview

Product name	HRP Anti-C Reactive Protein antibody [C6]
Description	HRP Mouse monoclonal [C6] to C Reactive Protein
Host species	Mouse
Conjugation	HRP
Tested applications	Suitable for: ELISA, Sandwich ELISA
Species reactivity	Reacts with: Human
Immunogen	Full length native protein (purified) (Human)
General notes	Specific antibody titer in ELISA is $> 10^{-6}$.

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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.40 Preservative: 0.05% Proclin 300 Constituents: 0.8% Sodium chloride, 0.02% Potassium chloride, 0.18% Dibasic monohydrogen sodium phosphate, 0.024% Monobasic dihydrogen potassium phosphate
Purity	Protein A purified
Clonality	Monoclonal
Clone number	C6
Myeloma	Sp2/0
Isotype	IgG2a

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab24462 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
ELISA		
Sandwich ELISA		

Application notes

ELISA: Use at an assay dependent dilution.

sELISA: Use at an assay dependent dilution. Can be paired for ELISA with **Mouse monoclonal [C5] to C Reactive Protein (ab8279)** and **Mouse monoclonal [C7] to C Reactive Protein (ab8280)**.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

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.

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