



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Anti-CRP [P02] Standard Size Ab03323-1.1

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**Isotype and Format:** Mouse IgG1, Kappa

**Clone Number:** P02

**Alternative Name(s) of Target:** C reactive protein; PTX1; C-reactive protein

**UniProt Accession Number of Target Protein:** P02741

**Published Application(s):** WB, ELISA

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by immunizing BALB/c mice with C-reactive protein extracted from human plasma.

**Specificity:** This antibody reacts with human C reactive protein, which is a pentameric protein found in blood plasma. It is an acute phase reactive protein of hepatic origin. It is an important defense molecule for the body and its plasma concentration increases sharply during tissue damage, inflammation and bacterial infection. It promotes agglutination, bacterial capsular swelling, phagocytosis and complement fixation through its calcium-dependent binding to phosphorylcholine. It can interact with DNA and histones and may scavenge nuclear material released from damaged circulating cells.

**Application Notes:** Indirect ELISA was used for the primary screening of the hybridomas showing selective binding for human CRP. Spicy root labelled scFv P02 was used for the identification of natural CRP extracted from denatured and non-denatured blood in a western blot assay. The combination of P02 and P20 antibody was also used in the double antibody sandwich detection system consisting of P20 as the coating antibody and P02 as the labeled antibody to be used in the colloidal gold detection platform for the detection of natural CRP. These antibodies were also used in the preparation of human C-reactive protein colloidal gold test card (CN106596976).

**Antibody First Published in:** [PMID:](#)

**Note on publication:**

### Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:**

1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.