



# 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-properdin [3A3E1] Standard Size Ab02512-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This is a reformatted human IgG1 Fc Silent Fc Silent™ antibody, based on the original human IgG1 format, created for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Human IgG1, Fc Silent™, Kappa

**Clone Number:** 3A3E1

**Alternative Name(s) of Target:** factor P; Complement factor P; properdin mab

**UniProt Accession Number of Target Protein:** P27918

**Published Application(s):** AP-Mediated Hemolytic Assays, WB, ELISA

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by immunizing mice against purified human properdin.

**Specificity:** The antibody is specific for properdin. It recognizes human, baboon, rabbit, and canine properdin, but not mouse, rat, feline or ferret properdin.

**Application Notes:** The specificity of the original format of the antibody was confirmed by ELISA analysis. The antibody detected only non-reduced properdin as evaluated by western blot analysis. The antibody inhibited AP-mediated hemolysis of rabbit erythrocytes. The ability of the antibody to inhibit the binding of properdin to C3b was tested by flow cytometry. The antibody completely impaired the binding of properdin to C3b-coated erythrocytes (ESC3b) (Chen et al. 2020; PMID: 32793201). Further, the antibody inhibited PGA formation relative to TRAP alone (Blatt et al., 2016; PMID: 27183616).

**Antibody First Published in:** Chen et al. Properdin Is a Key Player in Lysis of Red Blood Cells and Complement Activation on Endothelial Cells in Hemolytic Anemias Caused by Complement Dysregulation Front Immunol. 2020 Jul 22;11:1460. [PMID:32793201](#)

**Note on publication:** The original paper describes the generation and characterization of the antibody.

## Product Form

**Size:** 100 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.