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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-properdin [3A3E1] Bulk Size Ab02512-10.3-BT

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: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without

added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.