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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

www.szabo-scandic.com

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

Anti-ApoA1 [D11-6] Standard Size Ab03979-10.3

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 IgG2a format, created for improved compatibility with existing reagents, assays and techniques.

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

Clone Number: D11-6

Alternative Name(s) of Target: Apo-AI; ApoA-I; Apolipoprotein A-I; Apolipoprotein A1

UniProt Accession Number of Target Protein: P02647

Published Application(s): ELISA

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing BALB/c mice with human ApoA1.

Specificity: The antibody is specific for ApoA1. The antibody recognizes the epitope exposed by the ApoA1 protein on an HDL subclass significantly positively correlated with CHD, and the recognition epitope is determined on a polypeptide sequence comprising 41 amino acids

(LGEEMRDRRAHVDALRTHLAPYSDELQRQLAARLEALKEN). The antibody does not react with HSA and the recombinant protein SAA1. Apolipoprotein A1 (ApoA1) is the main structural protein of high-density lipoprotein (HDL), and its physiological function is to help HDL capture free cholesterol.

Application Notes: The specificity of the antibody for ApoA1 protein was confirmed by ELISA analysis. The binding affinity of the antibody was 9.6×10^{-10} M. The antibody was employed for detection of APOA1. The antibody could identify a possible pathogenic HDL subtype, and the detection result was positively correlated with CHD. Further, the detection results of the kit developed by the antibody had high consistency with the clinical diagnosis results (CN113265002A).

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

Note on publication:

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.