



# 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

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## Anti-ApoA1 [D11-10] Standard Size Ab03980-10.3

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 IgG2b format, created for improved compatibility with existing reagents, assays and techniques.

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

**Clone Number:** D11-10

**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 recombinant protein.

**Specificity:** The antibody is specific for ApoA1. The antibody detects the HDL subtype negatively correlated with CHD and, it does not cross react with irrelevant proteins such as SAA1, β2M and BSA. 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  $1.73 \times 10^{-10}$  M. The antibody was employed to establish a detection method for ApoA1. The detection method had higher consistency with the clinical diagnosis results than the existing ApoA1 immunoturbidimetric kit (CN108659126B).

**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.