



# 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-collagen I [AFA] Bulk Size Ab04361-10.3-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 IgA format, created for improved compatibility with existing reagents, assays and techniques.

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

**Clone Number:** AFA

**Alternative Name(s) of Target:** CTTR1; anti-fibrotic antibody; Collagen alpha-1(I) chain; Alpha-1 type I collagen

**UniProt Accession Number of Target Protein:** P02452

**Published Application(s):** Blocking

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by immunizing mice with  $\alpha 2\text{Ct}$ .

**Specificity:** The antibody is specific for the C-terminal telopeptide region of human collagen I.

**Application Notes:** The original antibody could block the binding activity of the C-terminal telopeptide region of human collagen I. Biosensor assays of binding interactions of the original format and the Fab fragment of the antibody with procollagen I and the  $\alpha 2\text{Ct}$  were measured ( $K_d = 663\text{pM}$  for the original antibody and  $268\text{nM}$  for the Fab fragment and  $21\text{pM}$  for the original antibody and  $57\text{nM}$  for the Fab fragment for procollagen and  $\alpha 2\text{Ct}$  respectively) (US20200048333A1).

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

**Note on publication:**

## Product Form

**Size:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** Store at  $4^\circ\text{C}$  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  $-20^\circ\text{C}$ .

**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.