



# 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 Ab04361-19.0-BT

This antibody does not have a J-chain and is monomeric, i.e. it presents with two Fab arms and one Fc domain.

**Isotype and Format:** Mouse IgA, 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:** 500 µg Purified antibody in bulk size.

**Purification:** Affinity Purified using a recombinant lectin column

**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.