



SZABO SCANDIC

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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-collagen I [AFA] Standard Size Ab04361-19.0

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: CTRR1; 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 268nM for the Fab fragment and 21pM for the original antibody and 57nM for the Fab fragment for procollagen and $\alpha 2\text{Ct}$ respectively) (US20200048333A1).

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

Note on publication:

Product Form

Size: 50 µg Purified antibody.

Purification: Affinity Purified using a recombinant lectin column

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.