



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-collagen I [AFA] Standard Size Ab04361-10.3

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 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 α2Ct.

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 α2Ct were measured (Kd = 663pM 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 α2Ct respectively) (US20200048333A1).

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.