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Produktinformation

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- 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-Human Type I Collagen Polyclonal Antibody

CL7812AP
CL7812AP-S
Lot: 181221

DESCRIPTION:

Type I collagen is the most abundant collagen of the human body. It is a fibrous protein composed of two components, type I, alpha 1 and type I, alpha 2. This fibrillar collagen is the major structural protein of bone, tendon, skin and cornea. It appears in tissues as the classically designated collagen fibers which are formed from densely-packed thin striated fibrils with marked variation in diameter. Type I collagen is synthesized mainly by fibroblasts, osteoblasts, odontoblasts and chondroblasts.

PRESENTATION:

100 µg (**CL7812AP**) or 20 µg (**CL7812AP-S**) purified IgG (1 mg/ml) buffered in PBS and 0.02% NaN_3. (Purified from serum via Affinity Chromatography). For maximum recovery of contents, spin down tube before use.

STORAGE/STABILITY:

Store at + 4°C. For long term storage, aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

SPECIFICATION:

Immunogen: 15 amino acid synthetic peptide located near the C-terminus of human type I collagen, alpha 1.

Specificity: This antibody is specific for human type I collagen, alpha 1.

IgG Class: Rabbit IgG

Application: This antibody is suitable for use in Western Blot (0.01 – 0.5 µg/mL) and Immunohistochemistry with paraffin embedded sections (4 µg/mL). This antibody has not been tested in other applications.

Continued….

In CANADA: Toll Free: 1-800-268-5058
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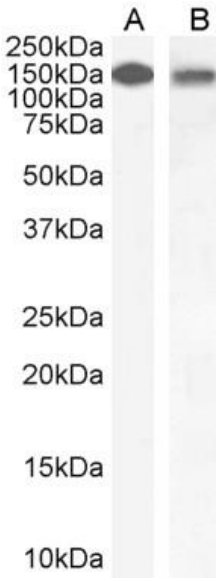
e-mail: service@cedarlanelabs.com

TEST RESULTS:

Western Blot:



CL7812AP (0.01µg/ml) staining of human skin (A) and MCF7 cell line (B) lysates (35µg protein in RIPA buffer). Detected by chemiluminescence.

N.B. Appropriate control samples should always be included in any labeling studies.
*** For optimal results in various applications, it is recommended that each investigator determine dilutions appropriate for individual use.**

REFERENCES:

1. Bou-Gharios G, et al. (2004). Extra-cellular matrix in vascular networks. Cell Prolif. 37 (3): 207–20.

2. Karsenty G, Park RW (1995). Regulation of type I collagen genes expression. Int Rev Immunol. 12 (2–4): 177–85.

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