

Datasheet for ABIN285713
anti-Collagen Type I antibody



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Overview

Quantity:	500 µL
Target:	Collagen Type I (COL1)
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Collagen Type I antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	Collagen type I antibody was raised in rabbit using type I collagen purified from fetal mouse skin as the immunogen.
Cross-Reactivity (Details):	Human, Mouse and Rat. Very slight crossreactivity with Collagen Type III.

Target Details

Target:	Collagen Type I (COL1)
Alternative Name:	Collagen Type I (COL1 Products)
Background:	Type-I collagen is the most abundant collagen of the human body. It is present in scar tissue, the end product when tissue heals by repair. It is also found in tendons, the endomysium of myofibrils and the organic part of bone.
Molecular Weight:	Recognizes the approx. 115 kDa (doublet) type I collagen protein.

Application Details

Application Notes: Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Supplied as a liquid, no Preservatives, undiluted serum.

Preservative: Without preservative

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: -80 °C

Storage Comment: Aliquot and store at -70 °C or lower.

Publications

Product cited in: Liang, Schnaper, Matsusaka, Pastan, Ledbetter, Hayashida: "Anti-TGF- β Antibody, 1D11, Ameliorates Glomerular Fibrosis in Mouse Models after the Onset of Proteinuria." in: **PLoS ONE**, Vol. 11, Issue 5, pp. e0155534, (2017) ([PubMed](#)).

Okorie, Diamond: "Matrix protein microarrays for spatially and compositionally controlled microspot thrombosis under laminar flow." in: **Biophysical journal**, Vol. 91, Issue 9, pp. 3474-81, (2006) ([PubMed](#)).