



# Mouse anti-Human COL21A1 monoclonal antibody, clone 2H7 (CABT-B10009)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	COL21A1 (NP_110447, 221 a.a. ~ 320 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	2H7
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ELISA
<b>Sequence Similarities</b>	IPVAARDERGF DILLGLDVNKKVKKRIQLSPKKIKGYEVT SKVDLSELT SNVFPEGLPPS YVFVSTQRFKVKKIWDLWRILTIDGRPQIAVTLNGVDKIL
<b>Format</b>	Liquid
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## BACKGROUND

<b>Introduction</b>	This gene encodes the alpha chain of type XXI collagen, a member of the FACIT collagen family (fibril-associated collagens with interrupted helices). Type XXI collagen is localized to tissues containing type I collagen so, like other members of this collagen family, it may serve to
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maintain the integrity of the extracellular matrix. An alternatively spliced transcript variant has been described, but its full-length nature has yet to be determined. [provided by RefSeq, Jul 2008]

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<b>Keywords</b>	COL21A1; collagen, type XXI, alpha 1; FP633; COLA1L; dJ708F5.1; dJ682J15.1; collagen alpha-1(XXI) chain; alpha 1 type XXI collagen; alpha 1 chain-like collagen;
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## GENE INFORMATION

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<b>Entrez Gene ID</b>	<a href="#">81578</a>
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<b>UniProt ID</b>	<a href="#">Q96P44</a>
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<b>Function</b>	structural molecule activity;
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