



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

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

BACKGROUND

Introduction	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]

Keywords 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;

GENE INFORMATION

Entrez Gene ID [81578](#)

UniProt ID [Q96P44](#)

Function structural molecule activity;
