



# Mouse anti-Human COL9A3 monoclonal antibody, clone 3C6 (CABT-B10016)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	COL9A3 (-, 280 a.a. ~ 339 a.a) partial recombinant protein with GST tag.
<b>Isotype</b>	IgM
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	3C6
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,ELISA
<b>Sequence Similarities</b>	GDLGRPGPKGTPGVAGPSGEPGMPGKDGQNGVPGLDGQKGEAGRNGAPGEKGPNGLPGL*
<b>Format</b>	Liquid
<b>Size</b>	200 µl
<b>Buffer</b>	In ascites fluid
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## BACKGROUND

<b>Introduction</b>	This gene encodes one of the three alpha chains of type IX collagen, the major collagen component of hyaline cartilage. Type IX collagen, a heterotrimeric molecule, is usually found in tissues containing type II collagen, a fibrillar collagen. Mutations in this gene are associated with multiple epiphyseal dysplasia type 3. [provided by RefSeq, Jan 2010]
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<b>Keywords</b>	COL9A3; collagen, type IX, alpha 3; IDD; MED; EDM3; DJ885L7.4.1; collagen alpha-3(IX) chain; collagen type IX proteoglycan; collagen IX, alpha-3 polypeptide;
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## GENE INFORMATION

Entrez Gene ID [1299](#)

UniProt ID [Q14050](#)

Pathway Axon guidance, organism-specific biosystem; NCAM signaling for neurite out-growth, organism-specific biosystem; NCAM1 interactions, organism-specific biosystem; Protein digestion and absorption, organism-specific biosystem; Protein digestion and absorption, conserved biosystem; Signaling by PDGF, organism-specific biosystem

Function extracellular matrix structural constituent conferring tensile strength