



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

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

BACKGROUND

Introduction	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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Keywords 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;

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
