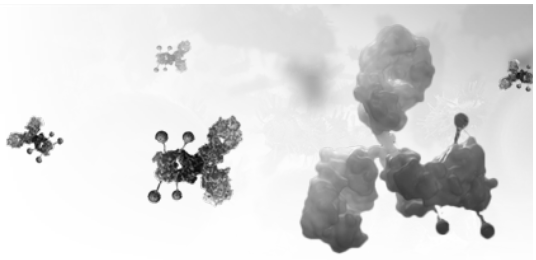

Mouse anti-Human COL4A6 monoclonal antibody, clone 2H22 (CABT-B10013)

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

PRODUCT INFORMATION

Immunogen	COL4A6 (AAH05305, 1 a.a. ~ 74 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	2H22
Conjugate	Unconjugated
Applications	sELISA,ELISA
Sequence Similarities	MLINKLWLLLVTLCLTEELAAAGEKSYGKPCGGQDCSGSCQCFPEKGARHNLQLLNDMAG RLYHFSEVLPNLF*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes one of the six subunits of type IV collagen, the major structural component of basement membranes. Like the other members of the type IV collagen gene family, this gene

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	is organized in a head-to-head conformation with another type IV collagen gene, alpha 5 type IV collagen, so that the gene pair shares a common promoter. Deletions in the alpha 5 gene that extend into the alpha 6 gene result in diffuse leiomyomatosis accompanying the X-linked Alport syndrome caused by the deletion in the alpha 5 gene. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2013]
Keywords	COL4A6; collagen, type IV, alpha 6; DFNX6; DELXq22.3; CXDELq22.3; collagen alpha-6(IV) chain; collagen IV, alpha-6 polypeptide; dJ889N15.4 (Collagen Alpha 6(IV)); collagen of basement membrane, alpha-6;

GENE INFORMATION

Entrez Gene ID	1288
UniProt ID	Q9BS57
Pathway	Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem; Focal Adhesion, organism-specific biosystem; Focal adhesion, organism-specific biosystem
Function	extracellular matrix structural constituent; protein binding

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