

COL4A6 monoclonal antibody (M02), clone 2F1

Catalog # H00001288-M02

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant COL4A6.
Immunogen	COL4A6 (AAH05305, 1 a.a. ~ 73 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MLINKLWLLLVTLCLTEELAAAGEKSYGKPCGGQDCSGSCQCFPEKGARHNLQLLNDMAGRLYH FSEVLPNLF
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — COL4A6

Entrez GeneID	1288
GeneBank Accession#	BC005305
Protein Accession#	AAH05305
Gene Name	COL4A6

Gene Alias	MGC88184
Gene Description	collagen, type IV, alpha 6
Omim ID	303631 308940
Gene Ontology	Hyperlink
Gene Summary	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 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. Two splice variants have been identified for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000023834 OTTHUMP00000023835 collagen IV, alpha-6 polypeptide collagen alpha 6 type IV collagen of basement membrane, alpha-6 dJ889N15.4 (Collagen Alpha 6(IV)) type IV alpha 6 collagen

Pathway

- [ECM-receptor interaction](#)
- [Focal adhesion](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)

Disease

- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Obstetric Labor](#)
- [Pre-Eclampsia](#)

- [Premature Birth](#)