

## COL6A2 rabbit monoclonal antibody

Catalog # H00001292-K      Size 100 ug x up to 3

### Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human COL6A2 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human COL6A2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human COL6A2 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — COL6A2

Entrez GeneID	<a href="#">1292</a>
GeneBank Accession#	<a href="#">COL6A2</a>
Gene Name	COL6A2
Gene Alias	DKFZp586E1322, FLJ46862, PP3610
Gene Description	collagen, type VI, alpha 2
Omim ID	<a href="#">120240</a> <a href="#">158810</a> <a href="#">254090</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes one of the three alpha chains of type VI collagen, a beaded filament collagen found in most connective tissues. The product of this gene contains several domains similar to von Willebrand Factor type A domains. These domains have been shown to bind extracellular matrix proteins, an interaction that explains the importance of this collagen in organizing matrix components. Mutations in this gene are associated with Bethlem myopathy and Ullrich scleroatonic muscular dystrophy. Three transcript variants have been identified for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000115569 alpha 2 type VI collagen collagen VI, alpha-2 polypeptide collagen alpha-2(VI) chain human mRNA for collagen VI alpha-2 C-terminal globular domain

## Pathway

- [ECM-receptor interaction](#)
- [Focal adhesion](#)

## Disease

- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)
- [Genetic Predisposition to Disease](#)
- [Neuroblastoma](#)