

COL9A3 rabbit monoclonal antibody

Catalog # H00001299-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human COL9A3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human COL9A3 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human COL9A3 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	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)₂, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — COL9A3

Entrez GeneID	1299
GeneBank Accession#	COL9A3
Gene Name	COL9A3
Gene Alias	DJ885L7.4.1, EDM3, FLJ90759, IDD, MED
Gene Description	collagen, type IX, alpha 3
Omim ID	120270 600969 603932
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000031507 alpha 3 type IX collagen collagen IX, alpha-3 polypeptide collagen type IX proteoglycan

Disease

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