

COL15A1 rabbit monoclonal antibody

Catalog # H00001306-K Size 100 ug x up to 3

Specification

| | |
|--------------------------------|--|
| Product Description | Rabbit monoclonal antibody raised against a human COL15A1 peptide using ARM Technology. |
| Immunogen | A synthetic peptide of human COL15A1 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 COL15A1 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 — COL15A1

| | |
|---------------------|--|
| Entrez GeneID | 1306 |
| GeneBank Accession# | COL15A1 |
| Gene Name | COL15A1 |
| Gene Alias | FLJ38566 |
| Gene Description | collagen, type XV, alpha 1 |
| Omim ID | 120325 |
| Gene Ontology | Hyperlink |
| Gene Summary | This gene encodes the alpha chain of type XV collagen, a member of the FACIT collagen family (fibril-associated collagens with interrupted helices). Type XV collagen has a wide tissue distribution but the strongest expression is localized to basement membrane zones so it may function to adhere basement membranes to underlying connective tissue stroma. Mouse studies have shown that collagen XV deficiency is associated with muscle and microvessel deterioration. [provided by RefSeq] |
| Other Designations | OTTHUMP00000063794 alpha 1 type XV collagen collagen XV, alpha-1 polypeptide collagen type XV proteoglycan |

Disease

- [Genetic Predisposition to Disease](#)
- [Scleroderma](#)