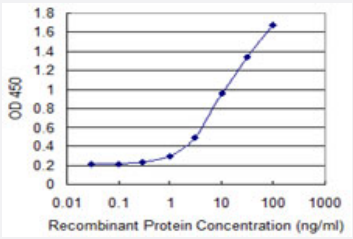
# COL23A1 monoclonal antibody (M01), clone 2C9

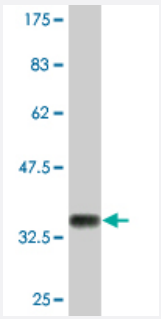
Catalog # H00091522-M01 Size 100 ug

## Applications




### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged COL23A1 is 0.3 ng/ml as a capture antibody.




Western Blot detection against Immunogen (33.77 KDa) .

## Specification

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| **Product Description** | Mouse monoclonal antibody raised against a partial recombinant COL23A1. |
| **Immunogen** | COL23A1 (NP_775736, 338 a.a. ~ 410 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| **Sequence** | KGELGLPGAPGIDGEKGPKGQKGDPGEPGPAGLKGEAGEMGLSGLPGADGLKGEKGESASDSLQESLAQLIVE |
| **Host** | Mouse |
| **Reactivity** | Human |

| | |
|---|---|
| **Interspecies Antigen Sequence** | Mouse (92); Rat (92) |
| **Isotype** | IgG2a Kappa |
| **Quality Control Testing** | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (33.77 KDa) . |
| **Storage Buffer** | In 1x PBS, pH 7.4 |
| **Storage Instruction** | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## Applications

- Western Blot (Recombinant protein)

  Protocol Download

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged COL23A1 is 0.3 ng/ml as a capture antibody.

  Protocol Download

- ELISA

## Gene Info — COL23A1

| | |
|---|---|
| **Entrez GeneID** | 91522 |
| **GeneBank Accession#** | NM_173465 |
| **Protein Accession#** | NP_775736 |
| **Gene Name** | COL23A1 |
| **Gene Alias** | DKFZp434K0621 |
| **Gene Description** | collagen, type XXIII, alpha 1 |
| **Omim ID** | 610043 |
| **Gene Ontology** | Hyperlink |

| | |
|---|---|
| **Gene Summary** | COL23A1 is a member of the transmembrane collagens, a subfamily of the nonfibrillar collagens t hat contain a single pass hydrophobic transmembrane domain (Banyard et al., 2003 [PubMed 12 644459]).[supplied by OMIM |
| **Other Designations** | procollagen, type XXIII, alpha 1 |

## Disease

- Cerebral Hemorrhage
- Chronic Disease
- Genetic Predisposition to Disease
- Hypertension
- Intracranial Hemorrhages
- Kidney Diseases
- Stroke
- Subarachnoid Hemorrhage
- Tobacco Use Disorder