

**Anti-COL6A1 antibody (37-235) [S6MR] (STJ11102536)**  
STJ11102536

**GENERAL INFORMATION**

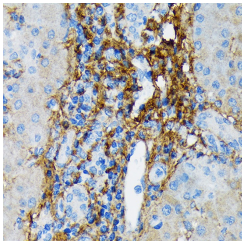
|                          |                    |
|--------------------------|--------------------|
| <b>Product Type</b>      | Primary antibodies |
| <b>Short Description</b> |                    |
| <b>Applications</b>      | WB/IHC-P/ELISA     |
| <b>Host/Source</b>       | Rabbit             |
| <b>Reactivity</b>        | Human/Mouse/Rat    |

**PRODUCT PROPERTIES**

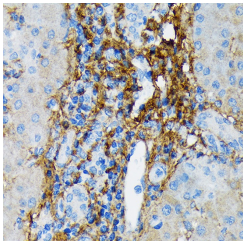
|                            |                                                                                                                                    |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>           | Monoclonal                                                                                                                         |
| <b>Clone ID</b>            | S6MR                                                                                                                               |
| <b>Concentration</b>       | Lot specific                                                                                                                       |
| <b>Conjugation</b>         | Unconjugated                                                                                                                       |
| <b>Purification</b>        | Affinity purification                                                                                                              |
| <b>Dilution</b>            | WB: 1:500-1:1000                                                                                                                   |
| <b>Range</b>               | IHC-P: 1:50-1:200                                                                                                                  |
|                            | ELISA: Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>         | PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.                                                                      |
| <b>Isotype</b>             | IgG                                                                                                                                |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                     |

**TARGET INFORMATION**

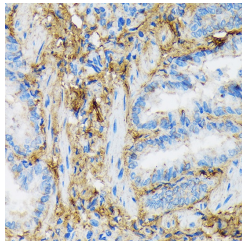
|                           |                                                                                                                                                                                                                    |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 1291                                                                                                                                                                                                               |
| <b>Gene Symbol</b>        | COL6A1                                                                                                                                                                                                             |
| <b>Uniprot ID</b>         | CO6A1_HUMAN                                                                                                                                                                                                        |
| <b>Immunogen</b>          |                                                                                                                                                                                                                    |
| <b>Immunogen Region</b>   | 37-235                                                                                                                                                                                                             |
| <b>Specificity</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 37-235 of human Collagen VI/COL6A1 (P12109).                                                                                         |
| <b>Immunogen Sequence</b> | DLFFVLDTSSESVALRLKPYG ALVDKVKSFTRFDNLRDR YYRCDRNLVWNAGALHYSDE VEIIQGLTRMPGGRDALKSS<br>VDAVKYFGKGTYTDCAIKKG LEQLLVGGSHLKENKYLIV TDGHPLEGYKEPCGGLEDAV NEAKHLGVKVFSAITPDHL<br>EPRLSIATDHTYRRNFTAA DWGQSRDAEEAISQTIDTI |



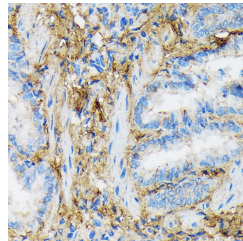
Western blot analysis of extracts of various cell lines using Collagen VI/COL6A1 rabbit monoclonal antibody (STJ11102536) at 1:1000 dilution. Secondary antibody: HRP-Goat Anti-rabbit IgG (H+L) at 1:1000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 3 min.



Immunohistochemistry analysis of paraffin-embedded human liver using Collagen VI/COL6A1 Rabbit monoclonal antibody (STJ11102536) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry of paraffin-embedded rat lung using Collagen VI/COL6A1 rabbit monoclonal antibody (STJ11102536) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat lung using Collagen VI/COL6A1 Rabbit monoclonal antibody (STJ11102536) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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