

Datasheet for ABIN7637186 **anti-COL4A1 antibody**



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Overview

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| Quantity: | 100 µL |
| Target: | COL4A1 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This COL4A1 antibody is un-conjugated |
| Application: | Immunohistochemistry (IHC), Western Blotting (WB), Immunocytochemistry (ICC), Immunoprecipitation (IP) |

Product Details

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| Purpose: | Monoclonal Antibody to Collagen Type IV Alpha 1 (COL4a1) |
| Immunogen: | RPA149Hu01Recombinant Collagen Type IV Alpha 1 (COL4a1) |
| Clone: | C3 |
| Specificity: | The antibody is a mouse monoclonal antibody raised against COL4a1. It has been selected for its ability to recognize COL4a1 in immunohistochemical staining and western blotting. |
| Purification: | Protein A + Protein G affinity chromatography |

Target Details

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| Target: | COL4A1 |
| Alternative Name: | COL4a1 (COL4A1 Products) |

Target Details

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| Background: | COL4-A1, Arresten, Collagen Alpha-1(IV)chain |
| UniProt: | P02462 |
| Pathways: | Skeletal Muscle Fiber Development , Growth Factor Binding |

Application Details

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| Application Notes: | Western blotting: 0.01-2 µg/mL,Immunohistochemistry: 5-20 µg/mL,Immunocytochemistry: 5-20 µg/mL,Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |