

## Mouse monoclonal antibody to Collagen IV [Col-30]: IgG

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| <b>Catalogue No.:</b>    | M-1181-100  |
| <b>Description:</b>      | Collagen IV is a major constituent of the glomerular basement membranes. It is a heterotrimeric protein composed of 3 alpha subunits encoded by 6 different genes; alpha 1(IV) through alpha 6(IV).   |
| <b>Batch No.:</b>        | See product label   |
| <b>Unit size:</b>        | 100 ug  |
| <b>Antigen:</b>          | Human Collagen Type IV  |
| <b>Clone:</b>            | Col-30  |
| <b>Other Names:</b>      | Collagen alpha-1(IV) chain; Arresten; COL4A1; COL4A2; COL4A3; COL4A4; COL4A5; Tumstatin; Goodpasture antigen;   |
| <b>Accession:</b>        | P02462 CO4A1_HUMAN;   |
| <b>Produced in:</b>      | Mouse   |
| <b>Purity:</b>           | IgG   |
| <b>Applications:</b>     | Immunohistochemistry (IHC). A concentration of 0.5-1.0 ug/mL is recommended to detect Collagen IV in formalin fixed and paraffin embedded tissues as well as formalin/acetone fixed frozen tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user. |
| <b>Specificity:</b>      | The specificity of this antibody has been confirmed by IHC against the antigen.   |
| <b>Cross-reactivity:</b> | Human   |
| <b>Form:</b>             | Liquid (0.5ml). 50% glycerol, 0.9mg NaCl and 0.2mg Na <sub>2</sub> HPO <sub>4</sub>   |
| <b>Reconstitution:</b>   | The liquid formulation should be diluted in PBS (pH 7.4)  |
| <b>Storage:</b>          | After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.   |
| <b>Expiry Date:</b>      | 12 months after purchase  |

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FOR RESEARCH USE ONLY