



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

Catalogue No.:	M-1181-100
Description:	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).
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Human Collagen Type IV
Clone:	Col-30
Other Names:	Collagen alpha-1(IV) chain; Arresten; COL4A1; COL4A2; COL4A3; COL4A4; COL4A5; Tumstatin; Goodpasture antigen;
Accession:	P02462 CO4A1_HUMAN;
Produced in:	Mouse
Purity:	IgG
Applications:	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.
Specificity:	The specificity of this antibody has been confirmed by IHC against the antigen.
Cross-reactivity:	Human
Form:	Liquid (0.5ml). 50% glycerol, 0.9mg NaCl and 0.2mg Na ₂ HPO ₄
Reconstitution:	The liquid formulation should be diluted in PBS (pH 7.4)
Storage:	After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase

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