

Product Data Sheet: Collagen Type IV

Cat. No: MABX-80102
Conjugate: Unconjugated

Size: 100 ug

Clone: Col-30

Concentration: 1mg/ml

Host: Ms

Isotype: IgG1

Immunogen: Human collagen type IV.

Reactivity: Hu

Applications: Immunohistochemistry(Paraffin-embedded Section): 0.5-1μg/ml

Immunohistochemistry(Frozen Section): 0.5-1µg/ml

Purification: Purified

Collagen IV is comprised of a third chain(alpha-3) together with the 2 classical ones, alpha-1 and alpha-2. COL4A3 gene is localized to 2q36-q37 by analysis of somatic cell

Background: hybrids and by in situ hybridization. The alpha-3 chain of type IV collagen induces

autoimmune Goodpasture syndrome. Mutations in the COL4A4 and COL4A3 genes

cause familial benign hematuria.

Form: Liquid

Buffer: Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as

preservative

Storage: At -20°C for one year. It can also be aliquotted and stored frozen at -20°C for a longer

time. Avoid repeated freezing and thawing.