

39-1027: Anti-Collagen, Type IV Monoclonal Antibody (Clone: COL-94) (Discontinued)

Clonality :	Monoclonal
Clone Name :	COL-94
Reactivity :	Human
Gene :	COL4A1
Gene ID :	1282
Uniprot ID :	P02462
Alternative Name :	Collagen alpha-1(IV) chain; Arresten; COL4A1
Isotype :	Mouse IgG1
Immunogen Information :	Human collagen type IV.

Description

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 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.

Product Info

Amount :	100 µg/vial
Purification :	Ascites
Content :	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN ₃ as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Storage condition :	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Application Note

Immunohistochemistry(Paraffin-embedded Section) : 0.5-1½µg/ml; Immunohistochemistry(Frozen Section) : 0.5-1½µg/ml

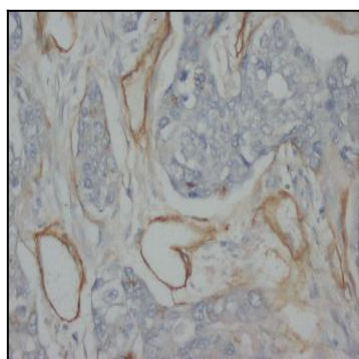


Figure 1: Anti-Collagen, Type IV monoclonal antibody(39-1027). IHC(P): Human Mammary Cancer Tissue.