

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	COL-94
<b>Application :</b>	IHC-P,IHC-F
<b>Reactivity :</b>	Human
<b>Gene :</b>	COL4A1
<b>Gene ID :</b>	1282
<b>Uniprot ID :</b>	P02462
<b>Alternative Name :</b>	Collagen alpha-1(IV) chain; Arresten; COL4A1
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	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

<b>Amount :</b>	100 µg/vial
<b>Purification :</b>	Ascites
<b>Content :</b>	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN <sub>3</sub> as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
<b>Storage condition :</b>	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) : 0.5-1½g/ml; Immunohistochemistry(Frozen Section) : 0.5-1½g/ml

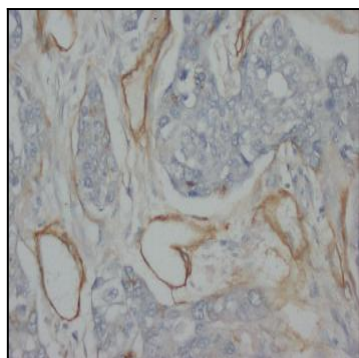


Figure 1: Anti-Collagen, Type IV monoclonal antibody(39-1027). IHC(P): Human Mammary Cancer Tissue.