

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

|                                |  |
|--------------------------------|--|
| <b>Clonality :</b>             | Monoclonal                                   |
| <b>Clone Name :</b>            | COL-94                                       |
| <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.<br>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) : 0.5-1½µg/ml; Immunohistochemistry(Frozen Section) : 0.5-1½µg/ml

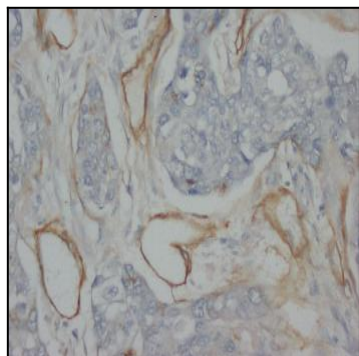


Figure 1: Anti-Collagen, Type IV monoclonal antibody(39-1027). IHC(P): Human Mammary Cancer Tissue.