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TECHNICAL INFORMATION

ImmunO™

Catalog Number: 681241

Rabbit Anti-Human Collagen Type IV Polyclonal

Form: Serum.

Species: Rabbit

Ig Class: IgG

Antigen: Isolated from human placenta.

Specificity: Tested by immunoblotting, immunohistochemistry and ELISA.

- ELISA: Reacts exclusively with human type IV collagen.
- Immunoblotting: Slight cross-reactivity with type V collagen.
- Immunohistochemistry: At optimal dilutions exclusively reactive with basement membranes (BM).
- Cross Reactivity: With most species.

Positive Control: Skin and kidney tissue.

Working Dilution: 1:50 - 1:100 (Indirect method, 30 minute incubation). Note: With the ABC method, the dilution can be 5-10x higher. Dilute immediately before use with PBS or Tris. It is recommended that the individual lab obtain their own optimal working dilution.

Uses: Frozen Sections; fixation: acetone, 5 minutes at -20°C.

Paraffin Sections; fixation: formaldehyde-proteolytic treatment: pepsin

Cell Preparations

Reference:

– Visser R., et al, Immunocytochemical detection of basement membrane antigens in the Histopathological evaluation of laryngeal dysplasia and neoplasia (1986). **Histopathology**, 10, 171-180.

Note: This product may contain a preservative such as sodium azide, thimerosal or proclin. Please see lot specific chemical credential for preservative information.

[If a titer/working dilution is not given above, please click here to see a general dilution chart for working with antibodies. Please note that the general dilution chart should only be used as a guideline. Each lab should determine their own optimal working dilution.](#)

[Will this antibody work with your application? Please click here to see a general chart of antibody applications. Please note that any information given above is primary application data. The general applications charts should only be used as a reference.](#)