

## Rabbit anti-Human Collagen IV Polyclonal Antibody

**Catalog No.:** PS057

**Quantity:** 0.25 ml

### Specificity

This antibody reacts exclusively with collagen IV in ELISA and has a slight cross-reaction with collagen V in immunoblotting. The extent of expression of basement membrane component collagen IV may be correlated with the degree of differentiation of basement membrane producing neoplasma. Neoplastic cells of invasive carcinomas often lack a continuous basement membrane. In diagnostic histopathology, antibodies to type IV collagen may help to distinguish between non-invasive (benign or *in situ*) and invasive lesions. Furthermore, the antiserum is important in the differential diagnosis of bullous lesions in dermatopathology. Antigen origin: human placenta. Antigen location: extracellular. Cross-reactive with basement membrane of most species.

### Use

Recommended for use in immunohistochemistry on acetone fixed frozen sections and formaldehyde fixed, pepsin pretreated paraffin sections.

### Positive control:

Skin and Kidney

### Instructions for use

Antibodies can be diluted 1:50-1:100 for immunohistochemical procedures but optimal dilution should be tested by serial dilutions.

### Presentation

0.25 ml. IgG antiserum. Dilute immediately before use with PBS.

### Literature

- Visser, R., et al., 1986, Histopathology 10, 171-180.

**FOR RESEARCH USE ONLY, NOT FOR DRUG, DIAGNOSTIC OR OTHER USE.**



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