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BM334

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Monoclonal Antibody to Human Collagen IV

Catalog No.: BM334
Quantity: 0.1 ml
Concentration: conc. lot specific
Host / Isotype: Mouse / IgG1
Clone: 2D8/29
Immunogen: Human amniotic type IV collagen.

Format: This antibody is supplied as liquid ascites with buffer and 0.02% sodium azide as preservative.

Applications: Immunohistochemistry: Suitable for formaldehyde/formalin fixed paraffin sections. Dilution for paraffin sections: 1:500 after treatment with 1% trypsin, 20 mins at room temperature. Western Blot, 1:500. Optimal dilutions of this antibody are dependent on application and should be determined by the user. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: Alpha 2 derived chains of type IV collagen. Typically stains all renal basement membranes including tubular basement membranes and basal lamina or intertubular capillaries and large cells. Also labels mesangial cells and matrix glomerular basement membrane and Bowman's capsule within the glomerulus. No staining with tubular and endothelial cells, or with glomerular epithelial or endothelial cells. No reactivity with type V collagen, laminin and fibronectin. Overall pattern varies with exact protocol used.

Storage: Store the antibody at 4-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

BM334RWM0900