

Mouse Monoclonal Anti-Laminin

Description:

Immunogen:	A chain of human laminin.
Clone:	4C7
Isotype:	IgG _{2a} , kappa
Format:	This antibody has been pre-titered and quality controlled to work on cryostat sections or formalin-fixed paraffin-embedded tissue sections. Proteolytic digestion prior to staining is required.
Specificity:	ScyTek Laminin stains the basement membrane strongly, with some weaker staining of the cytoplasm of epithelia, endothelia and smooth muscle.
Species Reactivity:	Human. Not reactive with mouse or rat.
Positive Control:	Intact basement membrane.

Uses/Limitations: Immunohistochemistry
For Research Use Only.
Do not use past expiration date.

Storage: 2-8° Centigrade.

Procedure: ScyTek suggests an incubation period of 30 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the user.

Precautions: Contains Sodium Azide as a preservative.
Do not pipette by mouth.

References:

- i) Autio-Harmanen H, et al. Synthesis of laminin and type IV collagen by trophoblastic cells and fibroblastic stromal cells in the early human placenta. *Lab Invest* 1991; 64:483.
- ii) Engval E, et al. Distribution and isolation of four laminin variants; tissue restricted distribution of heterodimers assembled from five different subunits. *Cell Regulation* 1990; 1:731.
- iii) Klenman HK, et al. Laminin receptors for neurite formation. *Proc Natl Acad Sci USA* 1988; 85:1282.