



## PRODUCT DATA SHEET

**Product:** Anti-Laminin-1, polyclonal

**Cat. No:** PC-170 (200 µl)

**Background:** Laminins are a family of extracellular matrix glycoproteins that are a major component of basement membranes. They are involved and/or implicated in a vast number of important biological processes that include metastasis, cell adhesion, differentiation, migration, signaling and neurite outgrowth. Given their participation in diverse physiological processes, it is not surprising that defects in their genes or how these important proteins assemble, can lead to numerous, complex and serious diseases.

**Specificity:** Recognizes laminin-1

**Species Reactivity:** Human, mouse and rat. Others not tested.

**Host:** Rabbit

**Immunogen:** Purified laminin-1 isolated from mouse EHS tumor.

**Format:** Ascites fluid with 50% glycerol and 0.01% thimerosal. 200 µl.

**Storage and Stability:** Store at -20°C. Avoid freeze/thaw cycles.

**Applications and Suggested Dilutions:**

- Immunohistochemistry – Use at 1:100 – 1:2500 dilution.
  - Western blot – Use at 1:1000 -1:5000 dilution.
- The optimal dilution for a specific application should be determined by the researcher.

**Limitations:**

For *in vitro* research use only. Not for use in diagnostics or in humans.

**Warranty:**

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.