

## Laminin $\alpha$ 3 polyclonal antibody

Catalog: BS90786

Host: Rabbit

Reactivity: Human

### BackGround:

Laminins are heterotrimeric, noncollagenous glycoproteins composed of alpha, beta, and gamma chains. Through interactions with integrins, dystroglycan and other receptors, laminins contribute to cell differentiation, cell shape and migration, and maintenance of tissue phenotypes and survival. Laminin alpha 3/Laminin-5, also known as epiligrin, includes alpha 3, beta 3, and gamma 2 subunits. It is abundant in transitional epithelium, stratified squamous epithelia, lung mucosa and other epithelial glands and contributes to initiation and maintenance of epithelial cell anchorage to the underlying connective tissue. Within aa 21?1713 of the alpha 3 subunit, human and mouse share 77% amino acid sequence identity.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

367 kDa

### Swiss-Prot:

Q16787(Human)

### Purification&Purity:

ProA affinity purified

### Applications:

WB:1:1,000-1:2,000

ICC:1:100-1:500

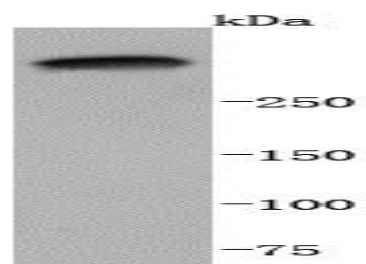
### Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

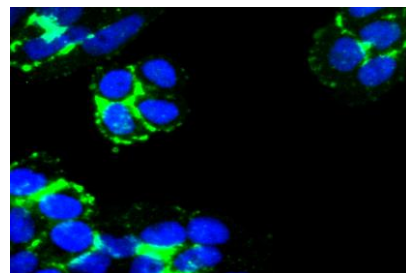
### Specificity:

Laminin  $\alpha$ 3 polyclonal antibody detects endogenous levels of Laminin  $\alpha$ 3 protein.

### DATA:



Western blot analysis of Laminin 5 alpha 3 on A431 cells lysates using anti-Laminin 5 alpha 3 antibody at 1/1,000 dilution.



ICC staining Laminin 5 alpha 3 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

### Note:

For research use only, not for use in diagnostic procedure.

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151