

## Defensin $\alpha$ 4 (D27) polyclonal antibody

Catalog: BS3497

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Human neutrophil alpha-defensins (also designated HNP6) are small, cationic, cysteine-rich antimicrobial proteins that play important roles in innate immunity against infectious microbes such as bacteria, fungi and enveloped viruses. Alpha-defensins are synthesized as inactive precursors and are activated by proteolytic cleavage by MMP-7. Paneth cells in small intestinal crypts secrete the alpha-defensins, which are also termed cryptidins in mice. The cryptidin-4 gene is unique among the Paneth cell alpha defensins in that it is inactive in the duodenum, but expressed at maximal levels in the distal small bowel.

### Product:

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

### Molecular Weight:

~ 11 kDa

### Swiss-Prot:

P12838

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

IHC: 1:50~1:200

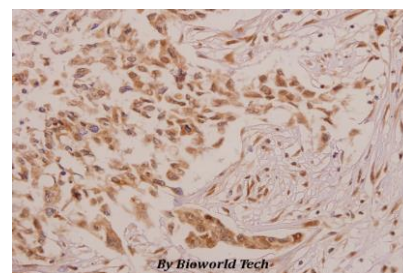
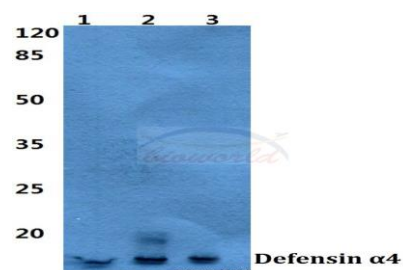
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Defensin  $\alpha$ 4 (D27) polyclonal antibody detects endogenous levels of Defensin  $\alpha$ 4 protein.

### DATA:



Immunohistochemistry (IHC) analyzes of Defensin  $\alpha$ 4 (D27) pAb in paraffin-embedded human colorectal carcinoma tissue at 1:50.

### 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