— ABLYBIO, Help Your Research

# HBEGF Rabbit mAb

**货号: AAY2182**

## 产品信息

| | |
|---|---|
| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Monoclonal |
| 预测反应 | |
| 应用 | WB IHC IF ELISA |
| 推荐浓度 | **IHC:** 1:200-1:1000<br>**WB:** 1:2000-1:10000<br>**IF:** 1:200-1:1000<br>**ELISA:** 1:5000-1:20000 |
| 理论分子量 | 23kD |
| 实测分子量 | 21kD |
| 形式 | Liquid |
| 保存条件 | Store at -20℃. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.75% BSA,50% glycerol,pH7.1184. |
| 偶联物 | Unconjugated |
| 阳性对照 | SKOV3,Mouse lung,Rat spleen |
| 细胞定位 | Cell membrane,Secreted,Single-pass type I membrane protein,extracellular space |
| 纯化 | 亲和纯化 |

## 抗原信息

| | |
|---|---|
| 抗原信息 | |

## 靶点信息

| | |
|---|---|
| 研究背景 | Heparin-binding EGF-like growth factor (HB-EGF) is a 12-16 kDa member of the epidermal growth factor (EGF)family. It possesses an EGF-like domain, and a heparin-binding motif. Mature HB-EGF is a soluble pe ptide thatarises from proteolytic processing of the transmembrane form. Human HB -EGF shows 76% and 73% aasequence identity with rat and mouse HB-EGF, respectively. It is required for normal cardiac valve formationand normal heart function, promotes smooth muscle cell proliferation. It may be involved in ma crophage-mediated cellular proliferation; it is mitogenic for fibroblasts, but not endothelial cells. HB-EGF c lassified as agroup 2 ErbB ligand based on its ability to activate both the EGF/ErbB1 and ErbB4 receptors. Activityassociated with ErbB4 binding appears to be limited to non -mitogenic actions, while EGFR bindin g inducesboth mitogenic and non-mitogenic activity. |
| 基因ID | 1839 |
| 基因名 | HBEGF DTR DTS HEGFL;Proheparin-binding EGF-like growth factor [Cleaved into: Heparin-binding EGF-like growth factor (HB-EGF) (HBEGF) (Diphtheria toxin receptor) (DT-R)]; |
| Swiss | Q99075 (https://www.uniprot.org/uniprotkb/Q99075/entry) |
| 别名 | HBEGF DTR DTS HEGFL;Proheparin-binding EGF-like growth factor [Cleaved into: Heparin-binding EGF-like growth factor (HB-EGF) (HBEGF) (Diphtheria toxin receptor) (DT-R)]; |

## 产品验证

## 实验步骤

访问官网浏览详情: www.ablybio.cn (https://www.ablybio.cn//www.ablybio.cn)