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HB EGF Rabbit mAb

货号: AYM31063

产品信息

反应	Human,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:500 - 1:2000
理论分子量	23kDa
实测分子量	23kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
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	Affinity purification

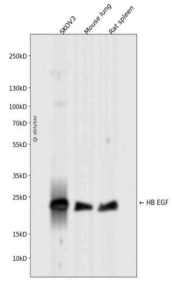
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human HB EGF.

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
Swiss	Q99075 (https://www.uniprot.org/uniprotkb/Q99075/entry)
别名	HB EGF,HB EGF Rabbit mAb,HBEGF,Diphtheria toxin receptor,DTR,DTS,HEGFL

产品验证



Western blot analysis of HB EGF expressed in SKOV3,Mouse lung,Rat spleen using HB EGF Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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