

Product datasheet for TA812468

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

HB EGF (HBEGF) Mouse Monoclonal Antibody [Clone ID: OTI8B5]

Product data:

Product Type: Primary Antibodies

Clone Name: OTI8B5

Applications: WB

Recommended Dilution: WB 1:2000

Reactivity: Human Host: Mouse

Isotype: IgG1
Clonality: Monoclonal

Immunogen: Human recombinant protein fragment corresponding to amino acids 20-208 of human

HBEGF (NP 001936) produced in E.coli.

Formulation: PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

Concentration: 1 mg/ml

Purification: Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography

(protein A/G)

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 22.9 kDa

Gene Name: heparin binding EGF like growth factor

Database Link: NP 001936

Entrez Gene 1839 Human

Q99075

Background: Growth factor that mediates its effects via EGFR, ERBB2 and ERBB4. Required for normal

cardiac valve formation and normal heart function. Promotes smooth muscle cell

proliferation. May be involved in macrophage-mediated cellular proliferation. It is mitogenic for fibroblasts, but not endothelial cells. It is able to bind EGF receptor/EGFR with higher affinity than EGF itself and is a far more potent mitogen for smooth muscle cells than EGF.

Also acts as a diphtheria toxin receptor. [UniProtKB/Swiss-Prot Function]





HB EGF (HBEGF) Mouse Monoclonal Antibody [Clone ID: OTI8B5] - TA812468

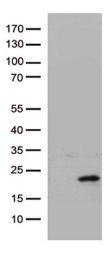
Synonyms: DTR; DTS; DTSF; HEGFL

Protein Families: Druggable Genome, Secreted Protein, Transmembrane

Protein Pathways: Epithelial cell signaling in Helicobacter pylori infection, ErbB signaling pathway, GnRH

signaling pathway

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY HBEGF (Cat# [RC207688], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-HBEGF (Cat# TA812468)(1:2000). Positive lysates [LY400718] (100ug) and [LC400718] (20ug) can be purchased separately from OriGene.