Anti-HBEGF Reference Antibody (KHK2866)
Recombinant Antibody
Catalog # APR10487

Specification

Anti-HBEGF Reference Antibody (KHK2866) - Product Information

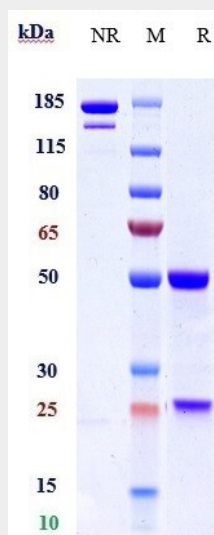|	
Application	**FC, Kinetics, Animal Model**
Primary Accession	Q99075
Reactivity	**Human**
Clonality	**Monoclonal**
Isotype	**IgG**
Calculated MW	**145 KDa**

Anti-HBEGF Reference Antibody (KHK2866) - Additional Information

Target/Specificity
HBEGF

Endotoxin
< 0.001EU/ µg,determined by LAL method.

Conjugation
Unconjugated

Expression system
CHO Cell

Format
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Anti-HBEGF Reference Antibody (KHK2866) - Protein Information

Name HBEGF

Synonyms DTR, DTS, HEGFL

Function
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.

Cellular Location
[Heparin-binding EGF-like growth factor]: Secreted, extracellular space. Note=Mature HB-EGF is released into the extracellular space and probably binds to a receptor
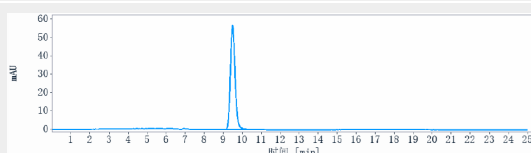
Anti-HBEGF Reference Antibody (KHK2866) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-HBEGF Reference Antibody (KHK2866) - Images

Anti-HBEGF Reference Antibody (KHK2866) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%

The purity of Anti-HBEGF Reference Antibody (KHK2866)is more than 95% ,determined by SEC-HPLC.