

Product Name: HBEGF Rabbit Monoclonal Antibody**Catalog #: AMRe84206**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.71mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000
Molecular Weight	23 kDa

Antigen Information

Gene Name	HBEGF
Alternative Names	DTR; DTS; DTSF; HB-EGF; HBEGF; HEGFL;;HB EGF
Gene ID	
SwissProt ID	Q99075
Immunogen	A synthesized peptide derived from human HB EGF

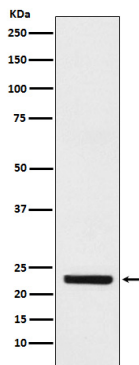
Background

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.

Research Area

Image Data



Western blot analysis of HB EGF expression in K562 cell lysate.

All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

