

ARG43478 anti-HB EGF antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes HB EGF.
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HB EGF
Species	Human
Immunogen	Purified recombinant protein corresponding to human HB EGF.
Conjugation	Un-conjugated
Alternate Names	DTR; DTS; DTSF; HEGFL

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

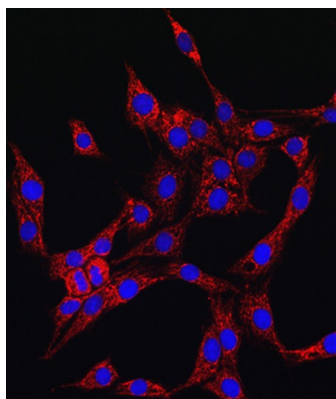
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

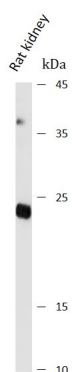
Gene Symbol	HBEGF
Gene Full Name	heparin-binding EGF-like growth factor
Function	Growth factor that mediates its effects via EGFR, ERBB2 and ERBB4. Required for normal cardiac valve formation and normal heart function. Promotes smooth muscle cell proliferation. May be involved in macrophage-mediated 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. [UniProt]

Images



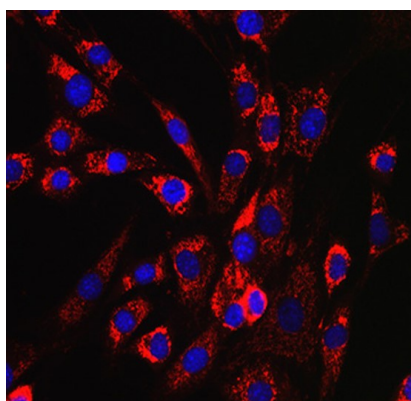
ARG43478 anti-HB EGF antibody ICC/IF image

Immunofluorescence: PC-12 stained with ARG43478 anti-HB EGF antibody at 1:100 dilution.



ARG43478 anti-HB EGF antibody WB image

Western blot: Rat kidney stained with ARG43478 anti-HB EGF antibody at 1:1000 dilution.



ARG43478 anti-HB EGF antibody ICC/IF image

Immunofluorescence: NIH/3T3 stained with ARG43478 anti-HB EGF antibody at 1:100 dilution.