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Datasheet for ABIN5579621

anti-HBEGF antibody

3 Images

Overview

Quantity:	100 µg
Target:	HBEGF
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HBEGF antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Mouse monoclonal antibody raised against recombinant HBEGF.
Immunogen:	Recombinant protein corresponding to human HBEGF.
Clone:	4G10
Isotype:	IgG1
Cross-Reactivity:	Human

Target Details

Target:	HBEGF
Alternative Name:	HBEGF (HBEGF Products)
Background:	Full Gene Name: heparin-binding EGF-like growth factor Synonyms: DTR,DTS,DTSF,HEGFL

Target Details

Gene ID:	1839
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway

Application Details

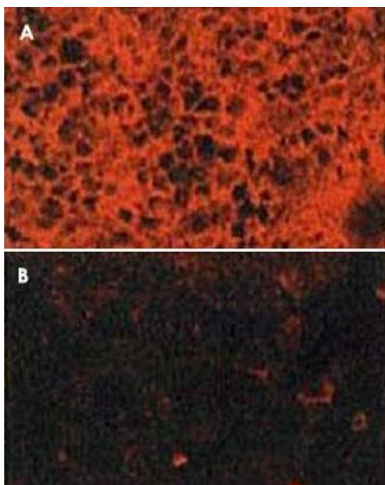
Application Notes:	Western Blot (0.2-1 µg/mL) Immunofluorescence (5~10 µg/mL) Immunoprecipitation (2 µg/mL) The optimal working dilution should be determined by the end user.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	In PBS (50 % glycerol, azide free)
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Images



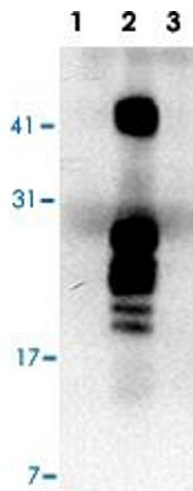
Immunocytochemistry

Image 1. Immunocytochemical staining with HBEGF monoclonal antibody, clone 4G10 . A. VERO cells carrying human HEGGF expression vector. B. Vero cells carrying mouse HB-EGF expression vector. Cells treated with antibody 4G10, fixed with 4% PFA and reacted with Cys3 conjugated 2nd antibody.



Western Blotting

Image 2. Western blotting with HBEGF monoclonal antibody, clone 4G10 . Lane 1. Vero cell extract. 2. Vero cells carrying human HBEGF expression vector. 3. Vero cells carrying mouse HB-EGF expression vector.



Western Blotting

Image 3. Immunoprecipitation with HBEGF monoclonal antibody, clone 4G10 . Lane 1. Vero cell extract. 2. Vero cells carrying human HBEGF expression vector. 3. Vero cells carrying mouse HB-EGF expression vector. Except that the cell surface was biotinylated. After immunoprecipitation with the antibody, HRP-conjugated streptavidin was used to detect the HBEGF by Western blotting.