

HB EGF antibody [4G10]

Cat. No. GTX00702

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IP, IHC, Neutralizing /Inhibition
Reactivity	Human

References (1)

Package

100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	0.2-1 µg /ml
ICC/IF	5-10 µg/ml
IP	2 µg/ml
IHC	Assay dependent
Neutralizing /Inhibition	Assay dependent

Note : It shows the Inhibition of HB-EGF ectoderm shedding and inhibition of DAP_007htheria Toxin binding to HB-EGFR.

Not tested in other applications.

Calculated MW 23 kDa. ([Note](#))

Product Note We do not recommend use of this product for Mouse samples.

Properties

Form	Liquid
Buffer	Filter-sterilized PBS, 50% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant human HB-EGF ectodomain expressed in SF21 cell
Purification	Purified IgG From tissue culture supernatant



For full product information, images and publications, please visit our [website](#).

Conjugation

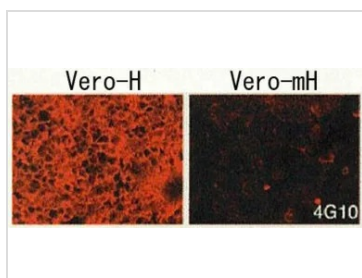
Unconjugated

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



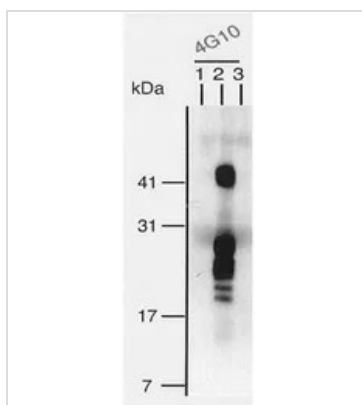
GTX00702 ICC/IF Image

ICC/IF analysis of various samples using GTX00702 HB EGF antibody [4G10].

Vero-H : Vero cells overexpressing human HB-EGF protein

Vero-mH : Vero cells overexpressing mouse HB-EGF protein

Fixation : 4% PFA



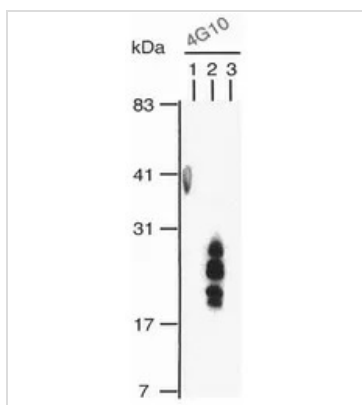
GTX00702 IP Image

IP analysis of various samples using GTX00702 HB EGF antibody [4G10].

Lane 1 : Vero whole cell lysate

Lane 2 : Vero cells overexpressing human HB-EGF protein

Lane 3 : Vero cells overexpressing mouse HB-EGF protein



GTX00702 WB Image

WB analysis of various samples using GTX00702 HB EGF antibody [4G10].

HB-EGF is glycosylated at multiple sites and processed, which reflects multiple-forms in WB.

Lane 1 : Vero whole cell lysate

Lane 2 : Vero cells overexpressing human HB-EGF protein

Lane 3 : Vero cells overexpressing mouse HB-EGF protein



For full product information, images and publications, please visit our [website](https://www.genetex.com).