

EGF Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4655
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human EGF expressed in E. Coli.
Mol wt	134kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	IHC
Concentration	N/A
Full name	N/A
Synonyms	URG;HOMG4;EGF

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Epidermal growth factor has a profound effect on the differentiation of specific cells in vivo and is a potent mitogenic factor for a variety of cultured cells of both ectodermal and mesodermal origin. The EGF precursor is believed to exist as a membrane-bound molecule which is proteolytically cleaved to generate the 53-amino acid peptide hormone that stimulates cells to divide.

Recommended Dilution

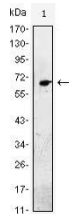
WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

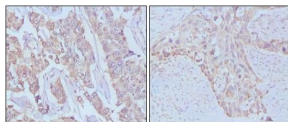
ELISA: 1:10000

Not yet tested in other applications.

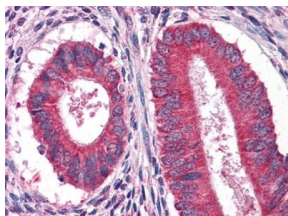
Images



Western blot analysis using EGF mouse mAb against EGF-hlgGfc transfected HEK293 cell lysate.



Immunohistochemical analysis of paraffin-embedded human breast cancer, Lung breast tissues using EGF mouse mAb



Immunohistochemical analysis of paraffin-embedded human Uterus tissues using anFtEG mouse mAb

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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