

EGF Monoclonal Antibody

Description

Product type Primary Antibody

Code BT-MCA0465

Host Mouse

Isotype IgG

Size 50ul, 100ul

Immunogen Purified recombinant fragment of human EGF expressed in E. Coli.

Mol wt N/A

Species reactivity Human

Clonality Monoclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name Pro-epidermal growth factor

Synonyms EGF; Pro-epidermal growth factor; EGF

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

Background

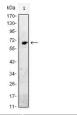
This gene encodes a member of the epidermal growth factor superfamily. The encoded preproprotein is proteolytically processed to generate the 53-amino acid epidermal growth factor peptide. This protein acts a potent mitogenic factor that plays an important role in the growth, proliferation and differentiation of numerous cell types. This protein acts by binding with high affinity to the cell surface receptor, epidermal growth factor receptor. Defects in this gene are the cause of hypomagnesemia type 4. Dysregulation of this gene has been associated with the growth and progression of certain cancers. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed.

Recommended Dilution

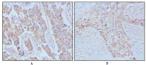
ELISA: 1:10000 IHC: 1:200 - 1:1000 WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using EGF Monoclonal antibody against EGF-hIgGFc transfected HEK293 cell lysate.



Immunohistochemistry analysis of paraffin-embedded human breast cancer, Lung breast tissues with DAB staining using EGF Monoclonal antibody.

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