



EGF Mouse Monoclonal Antibody

E10-20414

Background: Epidermal growth factor has a profound effect on the differentiation of specific cells 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.

Catalog Number: E10-20414

Amount: 100µg/100µl

Clone Number: 9D7F11

Species: Mouse IgG1

MW: 134kDa

Aliases: URG; HOMG4; EGF

Entrez Gene: 1950

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

Storage: Store at 4 °C for long term storage, store at -20 °C for long term storage

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB,IHC,ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: WB 1/500 - 1/2000,IHC.1/200 - 1/1000.ELISA. Propose dilution 1/10000.

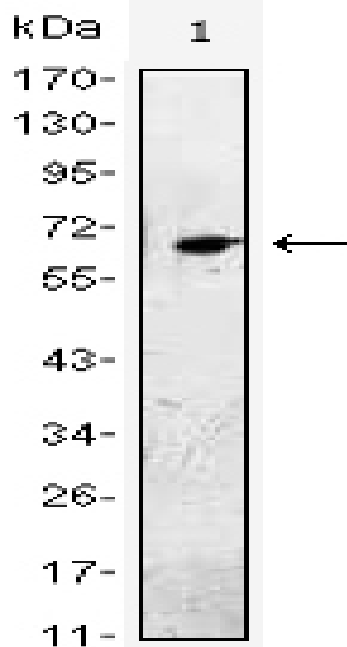


Figure 1. Western blot analysis using EGF mouse mAb against EGF-hlgGfc transfected HEK293 cell lysate.

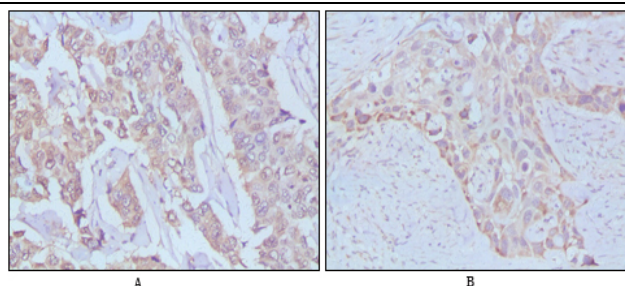


Figure 2. Immunohistochemical analysis of paraffin-embedded human breast cancer,Lung breast tissues using EGF mouse mAb

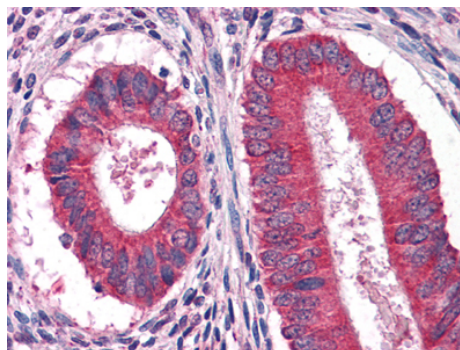


Figure 3. Immunohistochemical analysis of paraffin-embedded human Uterus tissues using anFtEG mouse mAb

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