



EGF Mouse Monoclonal Antibody

E10-30015

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.

Catalog Number: E10-30015

Amount: 100µg/100µl

Clone Number: 4E11

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.

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB, IF, ELISA. Not yet tested in other applications.

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

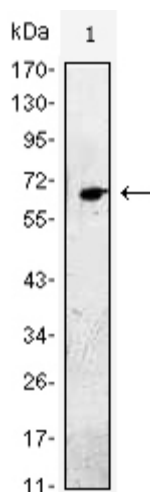


Figure 1: Western blot analysis using EGF mAb against EGF-hlgGFc transfected HEK293 cell lysate.

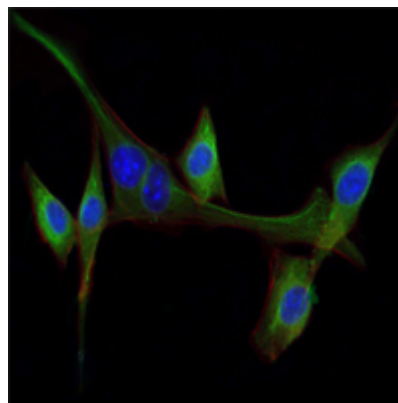


Figure 2: Immunofluorescence analysis of NIH/3T3 cells using EGF mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

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