
Product Name: EGF Mouse Monoclonal Antibody**Catalog #: AMM80823**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ICC,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	ICC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	134kDa

Antigen Information

Gene Name	EGF
Alternative Names	URG; HOMG4; EGF
Gene ID	1950.0
SwissProt ID	P01133
Immunogen	Purified recombinant fragment of human EGF expressed in E. Coli.

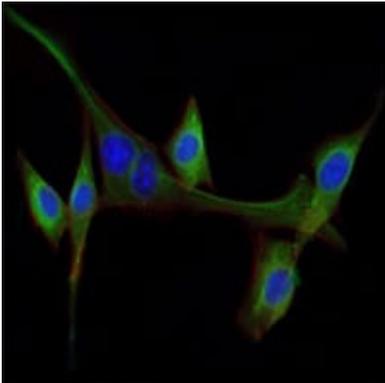
Background

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.

Research Area

TGF-beta signaling pathway,PI3K-Akt signaling pathway,MAPK signaling pathway,Jak-STAT signaling pathway

Image Data



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.