

EGF Antibody FITC Conjugated

Catalog No: #C03867F

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Description

Product Name	EGF Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt IF
Species Reactivity	Hu
Immunogen Description	KLH conjugated synthetic peptide aa 971-1023 1207 derived from human EGF
Conjugates	FITC
Target Name	EGF
Other Names	URG; HOMG4; Pro-epidermal growth factor; EGF
Accession No.	Swiss-Prot#P01133NCBI Gene ID1950
Uniprot	P01133
GeneID	1950;
Excitation Emission	494nm 518nm
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

Flow-Cyt=2ug/Test IF=1:50-200

Background

EGF stimulates the growth of various epidermal and epithelial tissues in vivo and in vitro and of some fibroblasts in cell culture. Magnesiotropic hormone that stimulates magnesium reabsorption in the renal distal convoluted tubule via engagement of EGFR and activation of the magnesium channel TRPM6. Can induce neurite outgrowth in motoneurons of the pond snail *Lymnaea stagnalis* in vitro (PubMed:10964941).

Note: This product is for in vitro research use only