

Anti-EGF Rabbit Monoclonal Antibody

Catalog # ABO13285

Product Information

Application	WB, IP
Primary Accession	P01133
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-EGF Rabbit Monoclonal Antibody . Tested in WB, IP applications. This antibody reacts with Human.

Additional Information

Gene ID	1950
Other Names	Pro-epidermal growth factor, EGF, Epidermal growth factor, Urogastrone, EGF
Calculated MW	133994
Application Details	WB 1:500-1:2000 IP 1:50
Subcellular Localization	Membrane; Single-pass type I membrane protein.
Tissue Specificity	Expressed in kidney, salivary gland, cerebrum and prostate..
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: ABOF-5
Immunogen	A synthesized peptide derived from human EGF
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	EGF
Function	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](#)).

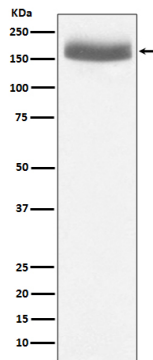
Cellular Location

Membrane; Single-pass type I membrane protein.

Tissue Location

Expressed in kidney, salivary gland, cerebrum and prostate.

Images



Western blot analysis of EGF expression in human urine sample lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.