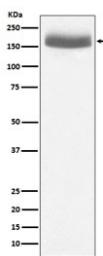


## EGF Antibody / Epidermal Growth Factor [clone ABOF-5] (RQ4869)

Catalog No.	Formulation	Size
RQ4869	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

[Bulk quote request](#)

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	ABOF-5
Purity	Affinity purified
UniProt	P01133
Applications	Western Blot : 1:500-1:2000
Limitations	This EGF antibody is available for research use only.



Western blot testing of human urine protein lysate with EGF antibody. Predicted molecular weight: ~134 kDa but routinely observed at 134-160 kDa.

### Description

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. [UniProt]

### Application Notes

Optimal dilution of the EGF antibody should be determined by the researcher.

## **Immunogen**

A synthetic peptide specific to human EGF was used as the immunogen for the EGF antibody.

## **Storage**

Store the EGF antibody at -20oC.