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## Summary

<b>Production Name</b>	EGF (7C11) Mouse Monoclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Mouse
<b>Application</b>	ELISA
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	EGF
<b>Alternative Names</b>	AI790464; Beta urogastrone; Epidermal Growth Factor; HOMG4; OTTHUMP00000219721; OTTHUMP00000219722; Pro epidermal growth factor; Pro epidermal growth factor precursor (EGF); URG; Urogastrone .
<b>Gene ID</b>	1950
<b>SwissProt ID</b>	P01133

## Application

<b>Dilution Ratio</b>	ELISA: 1/10000
<b>Molecular Weight</b>	-

**Product Name: EGF (7C11) Mouse Monoclonal Antibody**  
**Catalog #: AMM03318**



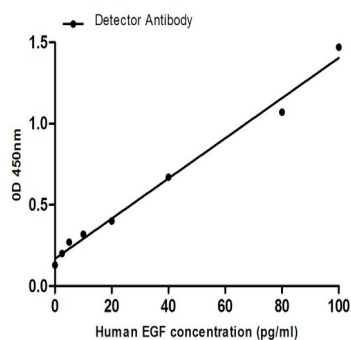
## Background

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.

## Research Area

Signal Transduction

## Image Data



Standard Curve for Human EGF: Capture Antibody mouse mAb 2011655E9 (5E9A10A6) to Human EGF at 4ug/ml and  
Detector Antibody mouse mAb 2011657C11(7C11G10H8) to Human EGF at 1ug/ml.

## Note

For research use only.