
Summary

Production Name	EGF (5E9) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	ELISA
Reactivity	Human

Performance

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

Immunogen

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

Application

Dilution Ratio	ELISA: 1/10000
Molecular Weight	-

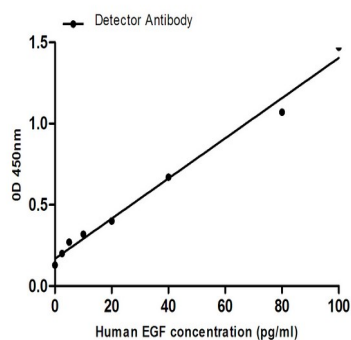
Background

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.

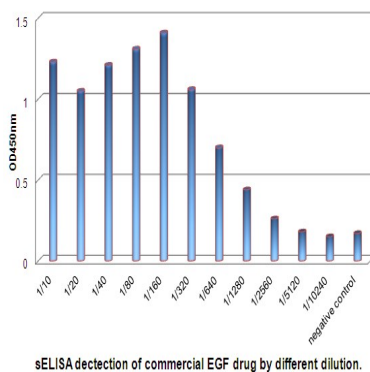
Research Area

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.



sELISA detection of commercial EGF drug by different dilution.

Note

For research use only.