

Anti-EGF Mouse mAb

Purified Mouse Monoclonal Antibody

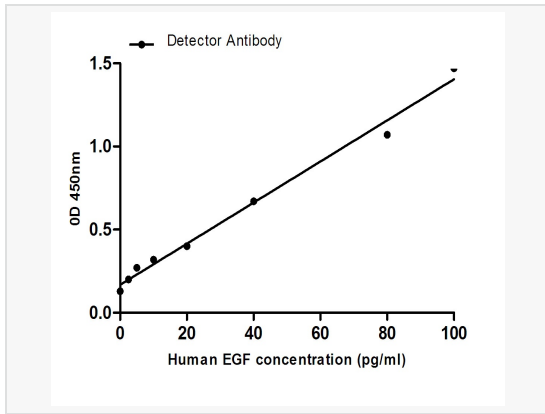
Catalog # M012763

Product Information

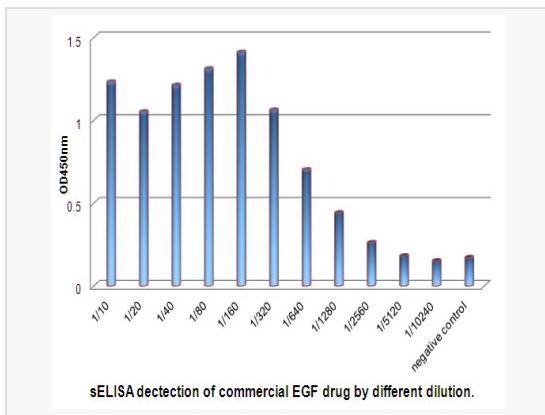
Application	ELISA
Reactivity	Human
Dilution	ELISA 1:10,000
Host	Mouse
Clonality	Monoclonal
Clone No.	97M12L98
Isotype	IgG1
Label	Unconjugated
Immunogen	Purified recombinant Human EGF protein fragments expressed in E.coli.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-EGF antibody [97M12L98] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	AI790464, Beta urogastrone, Epidermal Growth Factor, HOMG4, OTTHUMP00000219721, OTTHUMP00000219722, Pro epidermal growth factor, Pro epidermal growth factor precursor (EGF), URG, Urogastrone.
Uniprot ID	P01133
Gene ID	1950
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.



Standard Curve for Human EGF: Capture Antibody mouse mAb [97M12L98] to Human EGF at 4 $\mu\text{g/mL}$ and Detector Antibody mouse mAb [49K84K72] to Human EGF at 1 $\mu\text{g/mL}$.



S-ELISA detection of commercial EGF drug by different dilution.