



# Rabbit Anti-Human EGF monoclonal antibody, clone 4I22M7 (CABT-L1274)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Target	EGF
Immunogen	Human EGF
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	4I22M7
Purification	Purified
Conjugate	Unconjugated
Applications	ELISA, ICC
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS
Preservative	0.09% Sodium Azide
Storage	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

## BACKGROUND

**Introduction**

EGF exerts its actions by binding to the EGFR, a 170 kDa protein. Activation of EGFR initiates diverse cellular pathways in response to toxic environmental stimuli, or to EGF binding to the receptor, the EGFR forms homo- or heterodimers with other family members. Each dimeric receptor complex initiates a distinct signaling pathway by recruiting different Src homology 2 (SH2) containing effector proteins.

**Keywords**

EGF;epidermal growth factor;URG;HOMG4;pro-epidermal growth factor;beta-urogastrone

## GENE INFORMATION

**Entrez Gene ID**

[1950](#)

**UniProt ID**

[P01133](#)