Anti-EGF antibody

Cat. No.	ml120578
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-EGF rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Fusion protein of human EGF
Reactivity	Human
Content	0.7 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	EGF
Full name	epidermal growth factor
Synonyms	URG, HOMG4
Swissprot	P01133

Target Background

This gene encodes a member of the epidermal growth factor superfamily. The encoded protein is synthesized as a large precursor molecule that is proteolytically cleaved to generate the 53-amino acid epidermal growth factor peptide. This protein acts a potent mitogenic factor that plays an important role in the growth, proliferation and differentiation of numerous cell types. This protein acts by binding the high affinity cell surface receptor, epidermal growth factor receptor. Defects in this gene are the cause of hypomagnesemia type 4. Dysregulation of this gene has been associated with the growth and progression of certain cancers. Alternate splicing results in multiple transcript variants
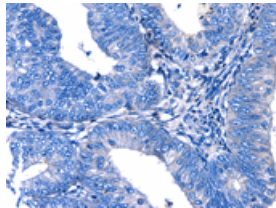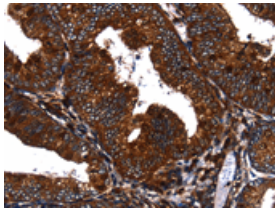
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human cervical cancer

Recommended dilution: 50-200

The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml120578(EGF Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: ×200)

ELISA

Recommended dilution: 1000-5000