

Anti-EGF antibody

Cat. No.	ml220578
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-EGF rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human EGF
Reactivity	Human, Mouse
Content	0.4 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

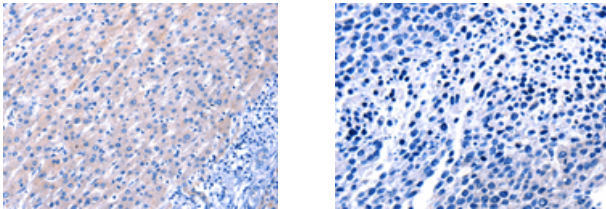
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml220578(EGF Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 134 kDa

Positive control: Mouse liver tissue

Recommended dilution: 500-2000

订购热线: 4008-898-798

Gel: 8%SDS-PAGE

Lysate: 40 μ g

Lane: Mouse liver tissue

Primary antibody: ml220578(EGF Antibody) at dilution 1/500

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 20 seconds



ELISA

Recommended dilution: 1000-5000

联系电话: 4008-898-798, 021-61725725

联系QQ: 2881505695, 2881505696

邮箱: mlbio_cn@yeah.net

网址: www.mlbio.cn