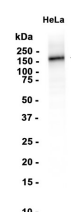
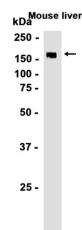


Recombinant EGFR/HER1/ErbB1 Monoclonal Antibody

catalog number: **AN300008P**

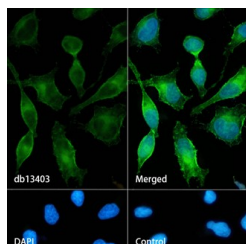
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human EGFR Protein
Host	Rabbit
Isotype	IgG
Clone	A1118
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS
Applications	
Recommended Dilution	
WB:	1:1000-1:5000; IHC-P: 1:100; ICC/IF: 1:200-1:500; FC: 1:20; IP: 1:20
Data	



Western blot analysis of extracts from Mouse liver tissue at 1:1000. Western blot analysis of extracts from HeLa cells at 1:1000.

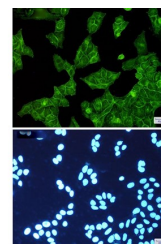
Observed-MW:175 kDa
Calculated-MW:134 kDa



Immunofluorescence analysis of HeLa cells labelling EGFR. The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate (1:200) at room temperature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.

Observed-MW:175 kDa
Calculated-MW:134 kDa



Immunofluorescent analysis of HeLa cells (green), and DAPI (blue).

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

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Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.3

The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer. [provided by RefSeq, Jun 2016]