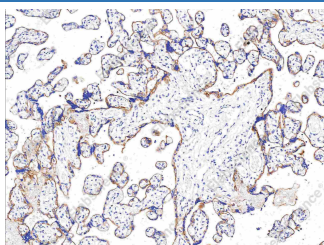


Recombinant EGFR/HER1/ErbB1 Monoclonal Antibody

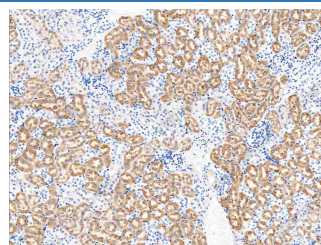
catalog number: **AN300008P**

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

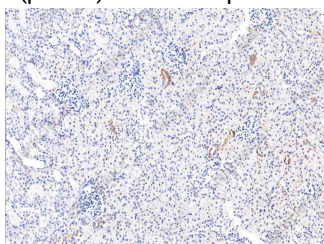
Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human EGFR Protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110010
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS
Applications	
WB:	1:1000-1:5000; IHC-P: 1:100; ICC/IF: 1:200-1:500; FC: 1:20; IP: 1:20
Data	



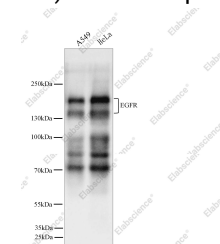
Immunohistochemical analysis of paraffin-embedded Human placenta tissue sections using EGFR/HER1/ErbB1 Antibody (AN300008P) at a dilution of 1:100 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Immunohistochemical analysis of paraffin-embedded Mouse kidney tissue sections using EGFR/HER1/ErbB1 Antibody (AN300008P) at a dilution of 1:100 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.

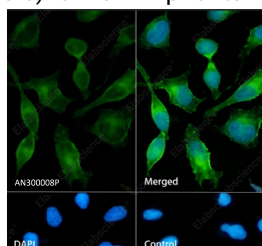


Immunohistochemical analysis of paraffin-embedded Rat kidney tissue sections using EGFR/HER1/ErbB1 Antibody (AN300008P) at a dilution of 1:100 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Western blot analysis of A549 and HeLa cell lysates using EGFR/HER1/ErbB1 Antibody (AN300008P) at a dilution of 1:1500.

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



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Immunofluorescence analysis of Hela cells labelling
EGFR. Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.

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

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]

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