

Summary

Production Name	EGFR Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,FC,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	EGFR
Alternative Names	ERBB; HER1; mENA; ERBB1; PIG61
Gene ID	1956.0
SwissProt ID	P00533.Purified recombinant fragment of human EGFR (AA: 693-893) expressed in E. Coli.

Application

Dilution Ratio	WB:1:500-1:2000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	175kDa

Background

Product Name: EGFR Mouse Monoclonal Antibody
Catalog #: AMM81264

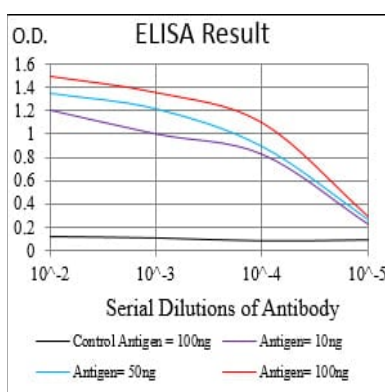


The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer. Multiple alternatively spliced transcript variants that encode different protein isoforms have been found for this gene.

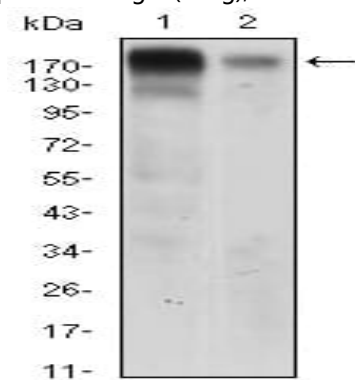
Research Area

TGF-beta signaling pathway, PI3K-Akt signaling pathway, MAPK signaling pathway, Jak-STAT signaling pathway, Hippo signaling pathway

Image Data

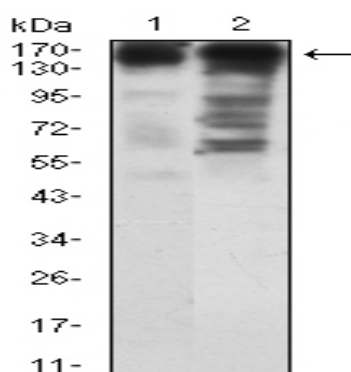


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

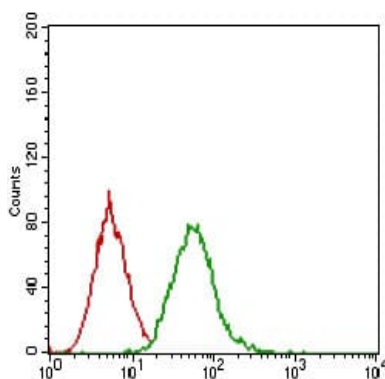


Western blot analysis using EGFR mouse mAb against A431 (1) AND HeLa (2) cell lysate.

Product Name: EGFR Mouse Monoclonal Antibody
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Western blot analysis using EGFR mouse mAb against C2C12(1),81505(2) cell lysate.



Flow cytometric analysis of A431 cells using EGFR mouse mAb (green) and negative control (red).

Note

For research use only.