

产品名称: EGFR mutant Mouse Monoclonal Antibody
产品货号: AMM83085



产品概述 (Summary)

产品名称 (Production Name)	EGFR mutant Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ELISA,FC
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

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

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	175kDa

研究背景 (Background)

The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This

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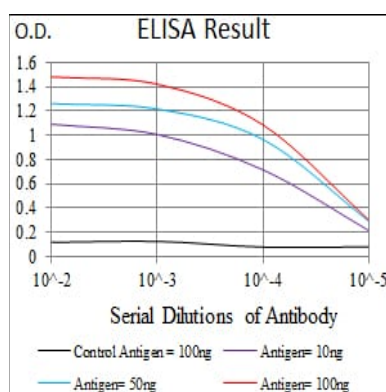


protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are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

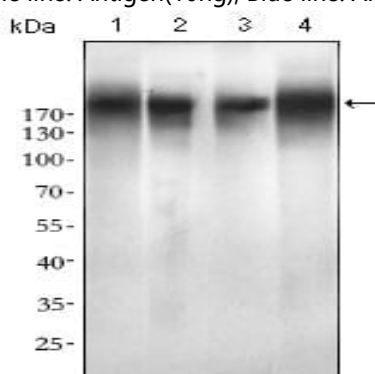
研究领域 (Research Area)

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

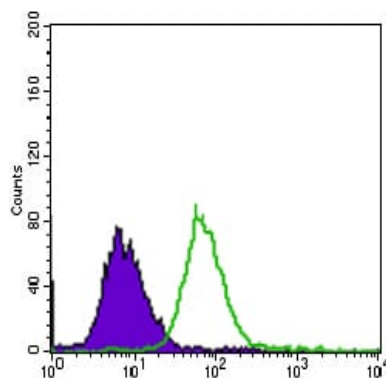
图片 (Image Data)



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



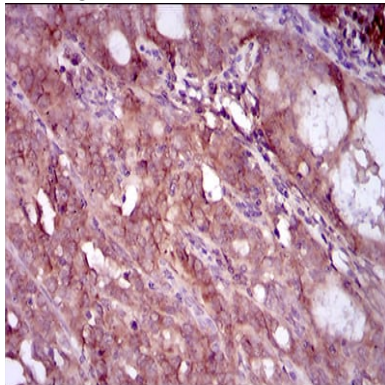
Western blot analysis using EGFR mutant mouse mAb against SPC-A-1 (1), A549 (2), HepG2 (3) and MCF-7 (4) cell lysate.



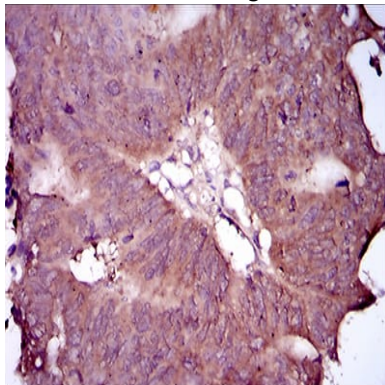
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Flow cytometric analysis of HepG2 cells using EGFR mutant mouse mAb (green) and negative control (purple).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using EGFR mutant mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using EGFR mutant mouse mAb with DAB staining.

注意事项 (Note)

For research use only .