

产品名称: MET Mouse Monoclonal Antibody
产品货号: AMM81755



产品概述 (Summary)

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

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)	MET
别名 (Alternative Names)	HGFR; AUTS9; RCCP2; c-Met; DFN897
基因 ID (Gene ID)	4233.0
蛋白 ID (SwissProt ID)	P08581.Purified recombinant fragment of human MET (AA: 743-932) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	155kDa

研究背景 (Background)

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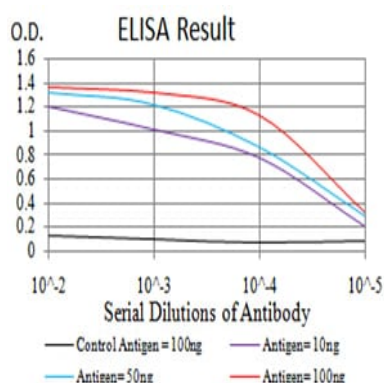


This gene encodes a member of the receptor tyrosine kinase family of proteins and the product of the proto-oncogene MET. The encoded preproprotein is proteolytically processed to generate alpha and beta subunits that are linked via disulfide bonds to form the mature receptor. Further processing of the beta subunit results in the formation of the M10 peptide, which has been shown to reduce lung fibrosis. Binding of its ligand, hepatocyte growth factor, induces dimerization and activation of the receptor, which plays a role in cellular survival, embryogenesis, and cellular migration and invasion. Mutations in this gene are associated with papillary renal cell carcinoma, hepatocellular carcinoma, and various head and neck cancers. Amplification and overexpression of this gene are also associated with multiple human cancers.

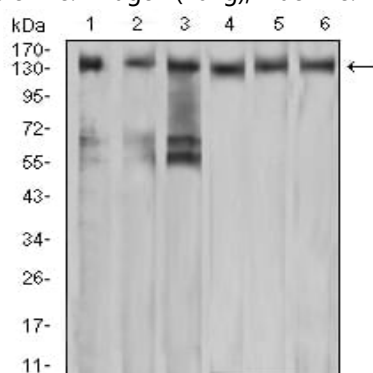
研究领域 (Research Area)

TGF-beta signaling pathway, PI3K-Akt signaling pathway, Hippo signaling pathway

图片 (Image Data)

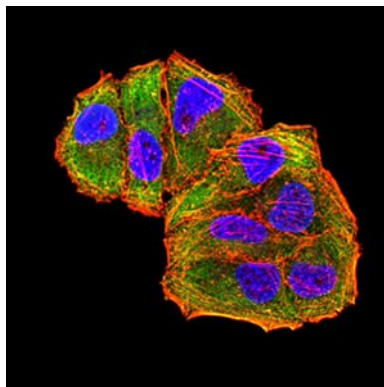


Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

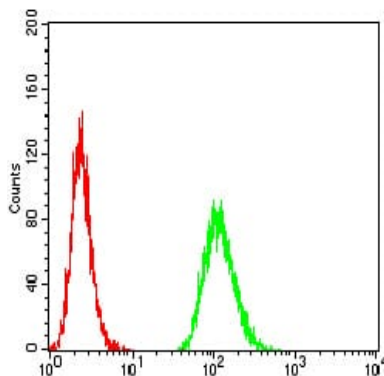


Western blot analysis using MET mouse mAb against A549 (1), COS7 (2), Hela (3), HEK293 (4), HepG2 (5), and A431 (6) cell lysate.

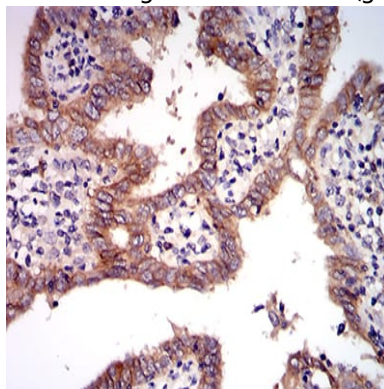
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Immunofluorescence analysis of HeLa cells using MET mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Flow cytometric analysis of MCF-7 cells using MET mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissues using MET mouse mAb with DAB staining.

注意事项 (Note)

For research use only .