

产品名称: FLT3 Mouse Monoclonal Antibody
产品货号: AMM81226



产品概述 (Summary)

产品名称 (Production Name)	FLT3 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC,ELISA
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)	FLT3
别名 (Alternative Names)	FLK2; STK1; CD135; FLK-2
基因 ID (Gene ID)	2322.0
蛋白 ID (SwissProt ID)	P36888.Purified recombinant fragment of human FLT3 (AA: 930-991) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	130kDa

研究背景 (Background)

This gene encodes a class III receptor tyrosine kinase that regulates hematopoiesis. The receptor consists of an extracellular

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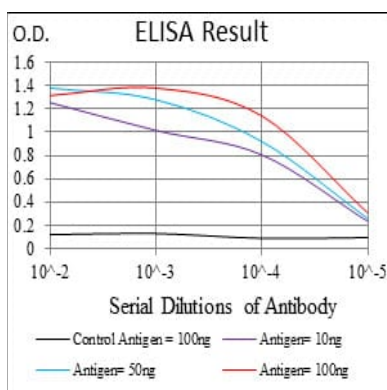


domain composed of five immunoglobulin-like domains, one transmembrane region, and a cytoplasmic kinase domain split into two parts by a kinase-insert domain. The receptor is activated by binding of the fms-related tyrosine kinase 3 ligand to the extracellular domain, which induces homodimer formation in the plasma membrane leading to autophosphorylation of the receptor. The activated receptor kinase subsequently phosphorylates and activates multiple cytoplasmic effector molecules in pathways involved in apoptosis, proliferation, and differentiation of hematopoietic cells in bone marrow. Mutations that result in the constitutive activation of this receptor result in acute myeloid leukemia and acute lymphoblastic leukemia.

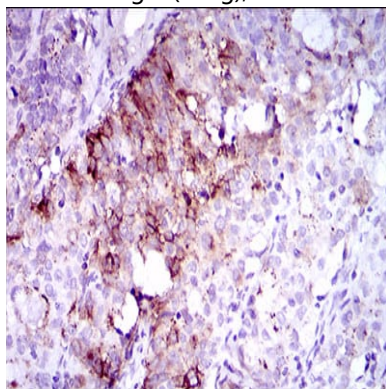
研究领域 (Research Area)

PI3K-Akt signaling pathway, Hippo signaling pathway

图片 (Image Data)

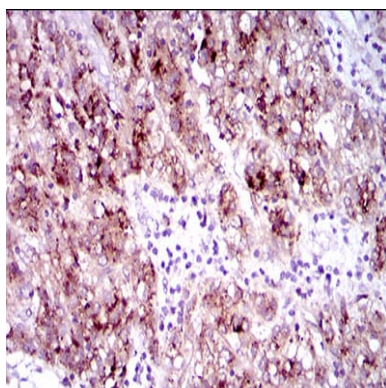


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using FLT3 mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded human liver cancer tissues using FLT3 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .