

产品名称: EphA2 Mouse Monoclonal Antibody
产品货号: AMM80542



产品概述 (Summary)

产品名称 (Production Name)	EphA2 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,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 IgM
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)	PBS containing 0.03% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	EphA2
别名 (Alternative Names)	ECK; EPHA2
基因 ID (Gene ID)	1969.0
蛋白 ID (SwissProt ID)	P29317.Purified recombinant fragment of EphA2 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
蛋白分子量 (Molecular Weight)	130kDa

研究背景 (Background)

EPH receptor A2 (EphA2), with 976-amino acid protein (about 107 kDa), belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EphA1, EphA2, EphA3, EphA4, EphA5, EphA6, EphA7, EphA8, EphA10, EphB1, EphB2, EphB3,

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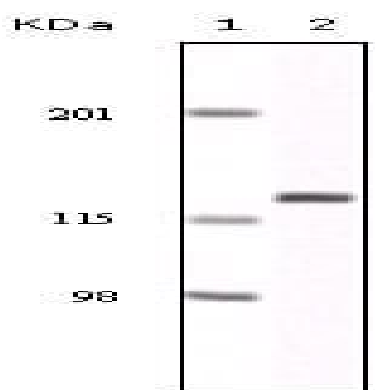


EphB4 and EphB6 are Eph family receptors for Ephrin family ligands. In normal cells, EphA2 negatively regulates cell growth and invasiveness. EphA2 is overexpressed by many human cancers, and is often associated with poor prognostic features. The clinical significance of the expression of EphA2 was observed in breast, prostate, colon, skin, cervical, ovarian, and lung cancers. EphA2 may serve as a novel target for bladder cancer, colonic adenocarcinoma and ovarian cancer therapy.

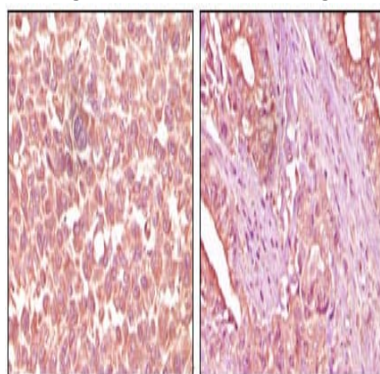
研究领域 (Research Area)

Apoptosis, PI3K-Akt signaling pathway, Hippo signaling pathway

图片 (Image Data)



Western blot analysis using EphA2 mouse mAb against NIH/3T3 cell lysate.



Immunohistochemical analysis of paraffin-embedded human skin carcinoma (left) and pancreas carcinoma (right) tissue, showing cytoplasmic localization using EphA2 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .