

产品名称: Trim5a Mouse Monoclonal Antibody
产品货号: AMM80513



产品概述 (Summary)

产品名称 (Production Name)	Trim5a 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 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)	Trim5a
别名 (Alternative Names)	RNF88; TRIM5alpha
基因 ID (Gene ID)	85363.0
蛋白 ID (SwissProt ID)	Q9C035.Purified recombinant fragment of human trim5 alpha 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)	56.3kDa

研究背景 (Background)

TRIM5-alpha is a protein that is found in the cells of many mammals and fends of various retrovirus infections. It protects

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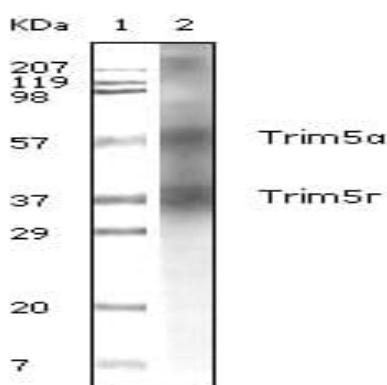


monkeys from infection with HIV-1, and humans from infection with some other viruses. If a retrovirus has entered a cell, it needs to shed its capsid in order to reversely transcribe its genes, so that they can be expressed by the host cell. It is believed that TRIM5 alpha, which is present in the cytoplasm, somehow recognizes the capsid and blocks its shedding, thereby stopping the virus in its tracks. It thus represents an intracellular defense completely separate from the rest of the body's immune system.

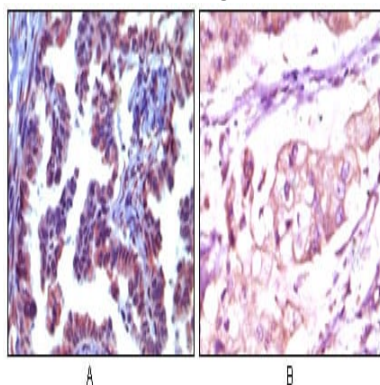
研究领域 (Research Area)

Autophagy

图片 (Image Data)



Western blot analysis using Trim5a mouse mAb against human breast carcinoma tissue lysate.



Immunohistochemical analysis of paraffin-embedded human metastatic adenocarcinoma(A) and stomach adenocarcinoma (B), showing cytoplasmic localization using Trim5a mouse mAb with AEC staining (A) and DAB staining(B).

注意事项 (Note)

For research use only .