

产品名称: Rab25 Mouse Monoclonal Antibody
产品货号: AMM80801



产品概述 (Summary)

产品名称 (Production Name)	Rab25 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,Mouse

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)	Rab25
别名 (Alternative Names)	CATX-8; RAB25
基因 ID (Gene ID)	57111.0
蛋白 ID (SwissProt ID)	P57735.Purified recombinant fragment of Rab25 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)	24kDa

研究背景 (Background)

Members of the Ras-related superfamily of GTP binding proteins, which includes Ras, Rho, Rab and ARF subfamilies, exhibit

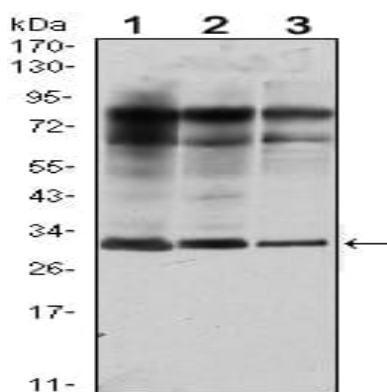
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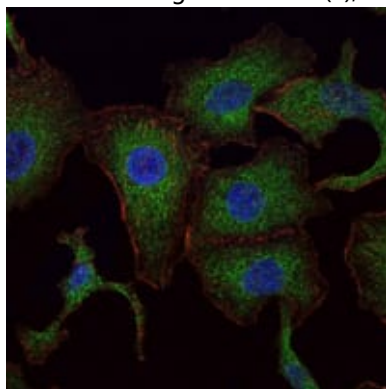
30-50% similarity with Ras p21. Rab proteins play an important role for either in endocytosis or in biosynthetic protein transport. The possibility that Rab proteins might also direct the exocytosis from secretory vesicles to the plasma membrane is supported by the observation that in yeast, the SEC4 protein, which is 40% similar to Rab proteins, is associated with secretory vesicles. Rab proteins located on the cytoplasmic face of organelles and vesicles, rab proteins are involved in intracellular membrane fusion reactions. Rab25 was cloned from a gastric parietal cell cDNA library and is expressed in epithelial tissues such as the gastrointestinal mucosae, kidney, and lung, which encoded a protein of 28 kDa.

研究领域 (Research Area)

图片 (Image Data)

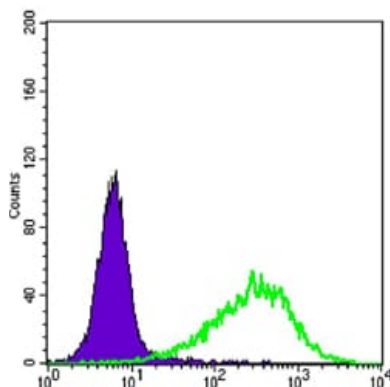


Western blot analysis using Rab25 mouse mAb against MCF-7 (1), T47D (2) and GC7901 (3) cell lysate.

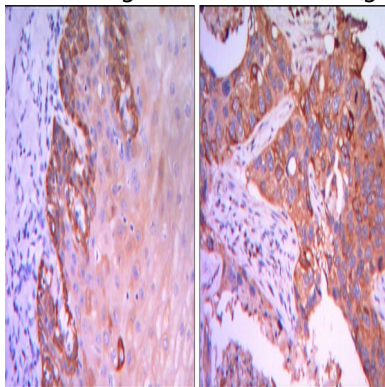


Immunofluorescence analysis of A549 cells using RAB25 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

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Flow cytometric analysis of NIH/3T3 cells using Rab25 mouse mAb (green) and negative control (purple).



Immunohistochemical analysis of paraffin-embedded human esophagus tissues (left) and human lung cancer (right) using Rab25 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .