

产品名称: PAX6 Mouse Monoclonal Antibody
产品货号: AMM81526



产品概述 (Summary)

产品名称 (Production Name)	PAX6 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC,ELISA,FC
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)	PAX6
别名 (Alternative Names)	AN; AN2; FVH1; MGDA; WAGR; D11S812E
基因 ID (Gene ID)	5080.0
蛋白 ID (SwissProt ID)	P26367.Purified recombinant fragment of human PAX6 (AA: 1-122) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	46.7kDa

研究背景 (Background)

This gene encodes paired box gene 6, one of many human homologs of the Drosophila melanogaster gene prd. In addition

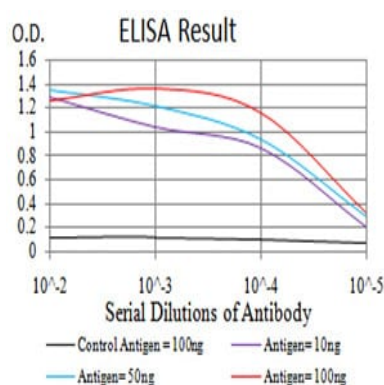
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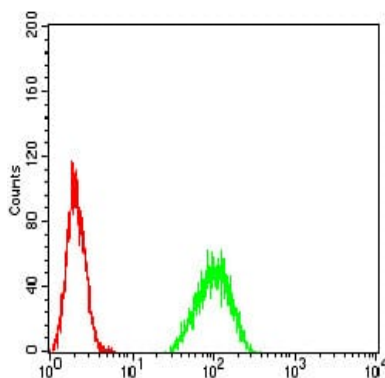
to the hallmark feature of this gene family, a conserved paired box domain, the encoded protein also contains a homeo box domain. Both domains are known to bind DNA and function as regulators of gene transcription. This gene is expressed in the developing nervous system, and in developing eyes. Mutations in this gene are known to cause ocular disorders such as aniridia and Peter's anomaly. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

研究领域 (Research Area)

图片 (Image Data)

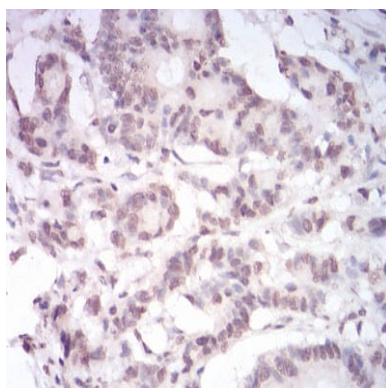


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

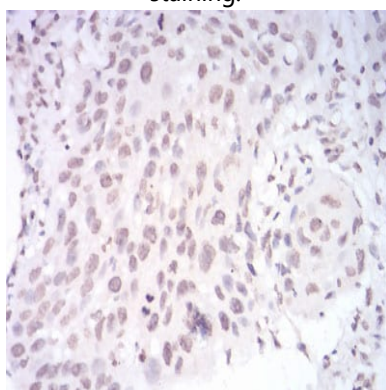


Flow cytometric analysis of A549 cells using PAX6 mouse mAb (green) and negative control (red).

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Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using PAX6 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissues using PAX6 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .