

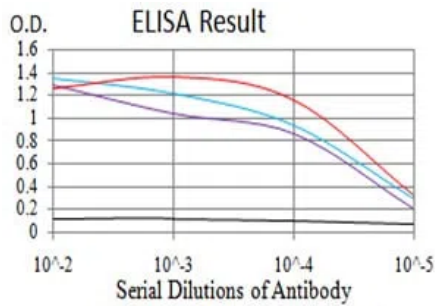


Product name:	PAX6 Mouse Monoclonal Antibody
Cat number:	MABN81526
Conjugate:	Unconjugated
Size:	100ul
Concentration:	1mg/ml
Host:	Mouse
Isotype:	Mouse IgG1
Immunogen:	Purified recombinant fragment of human PAX6 (AA: 1-122) expressed in E. Coli.
Reactivity:	Human
Applications:	IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight:	7kDa
Purification:	Affinity purification
Form:	liquid
Buffer:	Purified antibody in PBS with 0.05% sodium azide
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Synonyms:	AN; AN2; FVH1; MGDA; WAGR; D11S812E
Source:	Mouse
Background:	<p>This gene encodes paired box gene 6, one of many human homologs of the <i>Drosophila melanogaster</i> gene <i>prd</i>. In addition 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.</p>

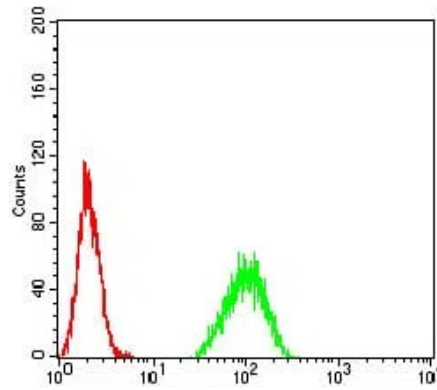
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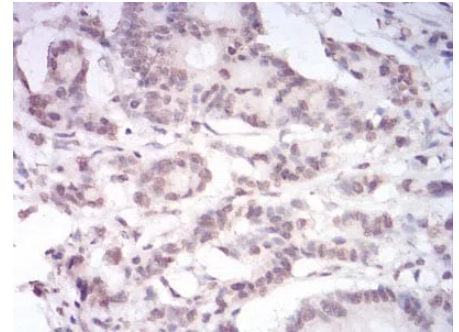
Web-site: <https://immunologicalsciences.com> - E-mail: info@immunologicalsciences.com



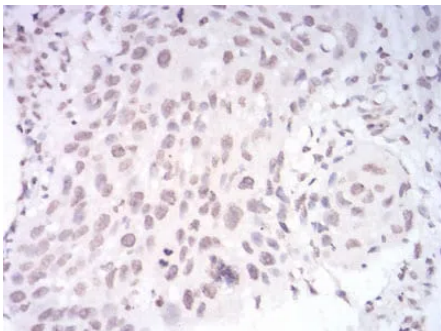
Black line: Control Antigen (100 ng);
 Purple line: Antigen(10ng); Blue line:
 Antigen (50 ng); Red line: Antigen (100
 ng);



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



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.

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