

Mouse anti-Human PAX6 Monoclonal Antibody | anti-PAX6 antibody

Mouse monoclonal antibody Anti-Human PAX6

CATALOG # AAA36325	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunocytochemistry, ELISA
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PRODUCT SYNONYMS

PAX6; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human PAX6; paired box gene 6 (aniridia; keratitis); AN2; MGDA; AN; D11S812E; WAGR; anti-PAX6 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	PAX5I326
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	1631
Applicable Applications for anti-PAX6 antibody	ICC (Immunocytochemistry), ELISA
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Sterility	Filtered through a 0.22 um membrane.

IMAGES



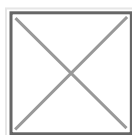
ICC (Immunocytochemistry)

Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-PAX6 mAb. [Lot No. PAX5I326-2]



Quality Control #2

Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.



Quality Control

Western blot analysis of immunized recombinant protein, using anti-PAX6 monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PAX6 antibody	This gene encodes paired box gene 6, one of many human homologues of the Drosophila melanogaster gene prd. 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 aniridia as well as Peter's anomaly, both ocular diseases. [NCBI Entrez Gene Summary]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15080396
NCBI GeneID	5080
Molecular Weight	– Da
NCBI Official Full Name	Homo sapiens paired box 6, mRNA
NCBI Official Synonym Full Names	paired box 6
NCBI Official Symbol	PAX6
NCBI Official Synonym Symbols	AN; AN2; FVH1; MGDA; WAGR; D11S812E
NCBI Protein Information	paired box protein Pax-6; aniridia type II protein; oculorhombin; paired box homeotic gene-6
UniProt Protein Name	Paired box protein Pax-6
UniProt Gene Name	PAX6
UniProt Entry Name	PAX6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pax6-antibody-clone-pax5i326-immunocytochemistry-elisa/36325>