

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

Anti-PAX6 Antibody

CATALOG # AAA266010	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

PAX6; Monoclonal Antibody; Anti-PAX6 Antibody; anti-PAX6 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgM kappa
Specificity	Recognizes endogenous levels of PAX6 protein.
Form/Format	Mouse IgM kappa. Supplied in crude ascites with 0.01% sodium azide.
Applicable Applications for anti-PAX6 antibody	IC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human PAX6. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of PAX6 staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF555 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of PAX6 expression in 293 (A) whole cell lysates. (Predicted band size: 46 kD; Observed band size: 50 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-PAX6 antibody	Mouse monoclonal antibody to PAX6
Product Categories/Family for anti-PAX6 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505615
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NCBI GeneID	5080
NCBI Accession #	NP_000271.1
NCBI GenBank Nucleotide #	NM_000280.4
UniProt Accession #	P26367; Q6N006; Q99413
Molecular Weight	422
NCBI Official Full Name	paired box protein Pax-6 isoform a
NCBI Official Synonym Full Names	paired box 6
NCBI Official Symbol	PAX6
NCBI Official Synonym Symbols	AN; AN2; MGDA; WAGR; D11S812E
NCBI Protein Information	paired box protein Pax-6; oculorhombin; aniridia type II protein; paired box homeotic gene-6
UniProt Protein Name	Paired box protein Pax-6
UniProt Gene Name	PAX6
UniProt Synonym Gene Names	AN2
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-immunochemistry-immunofluorescence-western-blot-elisa/266010>