

Mouse anti-Human Pax-6 Monoclonal Antibody | anti-Pax-6 antibody

Pax-6 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320192	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Western Blot

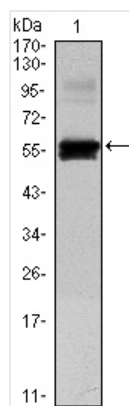
PRODUCT SYNONYMS

Pax-6; Monoclonal Antibody; Pax-6 Monoclonal Antibody; Paired box protein Pax-6; PAX6; AN2; Aniridia type II protein; Oculorhombin; anti-Pax-6 antibody

PRODUCT SPECIFICATIONS

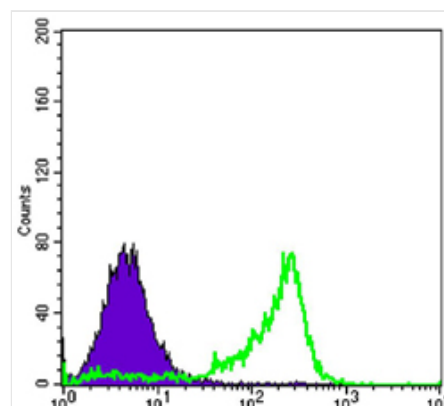
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	Pax-6 Monoclonal Antibody detects endogenous levels of Pax-6 protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-Pax-6 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human Pax-6 expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 3T3-L1 cells using Pax-6 Monoclonal Antibody (green) and negative control (purple).



WB (Western Blot)

Western Blot analysis using Pax-6 Monoclonal Antibody against recombinant Pax-6 protein (1).

ADDITIONAL INFORMATION

Related Product Information for anti-Pax-6 antibody	This gene encodes a homeobox and paired domain-containing protein that binds DNA and functions as a regulator of transcription. Activity of this protein is key in the development of neural tissues, particularly the eye. This gene is regulated by multiple enhancers located up to hundreds of kilobases distant from this locus. Mutations in this gene or in the enhancer regions can cause ocular disorders such as aniridia and Peter's anomaly. Use of alternate promoters and alternative splicing result in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2015]
Product Categories/Family for anti-Pax-6 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505615
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/pax-6-antibody-flow-cytometry-western-blot-elisa/320192>