

Mouse anti-Human PAX8 Antibody | anti-PAX8 antibody

PAX8 (Renal Cell Marker)

CATALOG # AAA215259	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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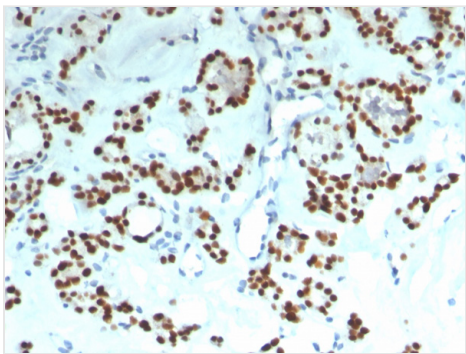
PRODUCT SYNONYMS

PAX8; PAX8 (Renal Cell Marker); Paired box 8; Paired box gene 8; paired box homeotic gene 8; Paired box protein Pax-8; Paired domain gene 8; anti-PAX8 antibody

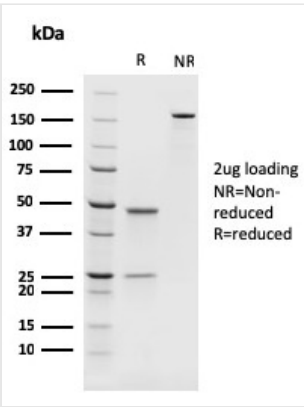
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Isotype	IgG1, kappa
Clone Number	rPAX8/1492
Specificity	Recognizes a protein of 62kDa, identified as PAX8. It is a member of the paired box (PAX) family of transcription factors. This nuclear protein is involved in thyroid follicular cell development and expression of thyroid-specific genes. Mutations in this gene have been associated with thyroid dysgenesis, thyroid follicular carcinomas, and atypical thyroid adenomas. PAX-8 is expressed in the thyroid (and associated carcinomas), non-ciliated mucosal cells of the fallopian tubes, and simple ovarian inclusion cysts, but not normal ovarian surface epithelial cells. PAX-8 is expressed in a high percentage of ovarian serous, endometrioid, and clear cell carcinomas, but only rarely in primary ovarian mucinous adenocarcinomas. PAX-8 expression is reported in renal tubules as well as renal cell carcinoma, nephroblastoma, and seminoma. PAX-8 antibody may be used as an additional immunohistochemical marker for renal epithelial tumors.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	450
Applicable Applications for anti-PAX8 antibody	IHC (Immunohistochemistry)
Positive Control	Raji cells. Renal Cell Carcinoma (IHC).
Immunogen	Recombinant fragment (around aa 60-261) of human PAX8 protein (exact sequence is proprietary)
Cellular Localization	Nuclear
Hu-chromosome Location	2q13
Antibody Type	Recombinant Mouse Monoclonal Antibody
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody without azide: store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Thyroid stained with PAX8 Recombinant Mouse Monoclonal Antibody (rPAX8/1492).



SDS-PAGE
SDS-PAGE Analysis Purified PAX8 Recombinant Mouse Monoclonal Antibody (rPAX8/1492). Confirmation of Purity and Integrity of Antibody.

ADDITIONAL INFORMATION

References	Tong GX, et al. Mod Pathol. 2009 Sep;22(9):1218-27.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	215273928
NCBI GeneID	7849
UniProt Accession #	Q06710
Molecular Weight	62kDa
NCBI Official Full Name	Paired box protein Pax-8
NCBI Official Synonym Full Names	paired box 8
NCBI Official Symbol	PAX8
NCBI Protein Information	paired box protein Pax-8
UniProt Protein Name	Paired box protein Pax-8
UniProt Gene Name	PAX8
UniProt Entry Name	PAX8_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/mouse-human-antibody/pax8/215259>