

Datasheet for ABIN6940927

Recombinant anti-PAX8 antibody (AA 60-261)[Go to Product page](#)**3** Images

Overview

Quantity:	100 µg
Target:	PAX8
Binding Specificity:	AA 60-261
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This PAX8 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	Recombinant fragment (around aa 60-261) of human PAX8 protein (exact sequence is proprietary)
Clone:	PAX8-2774R
Isotype:	IgG
Specificity:	Recognizes a protein of 62 kDa, 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

Product Details

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.

Purification: Purified by Protein A/G

Target Details

Target: PAX8

Alternative Name: PAX8 ([PAX8 Products](#))

Molecular Weight: 62kDa

Gene ID: 7849

UniProt: [Q06710](#)

Pathways: [Thyroid Hormone Synthesis](#), [Regulation of Hormone Metabolic Process](#), [Stem Cell Maintenance](#), [Tube Formation](#)

Application Details

Application Notes: Positive Control: Raji cells. Renal Cell Carcinoma (RCC).
Known Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT),(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Tris buffer with 1 mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

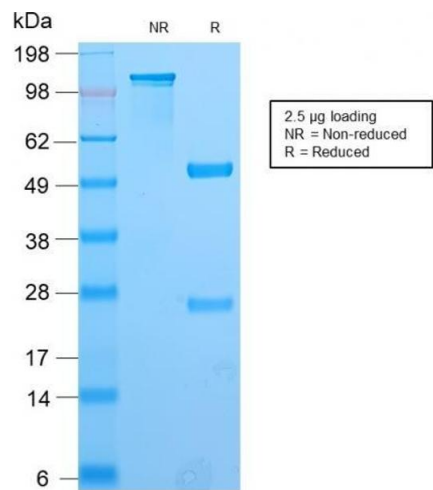
Storage: 4 °C,-80 °C

Handling

Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

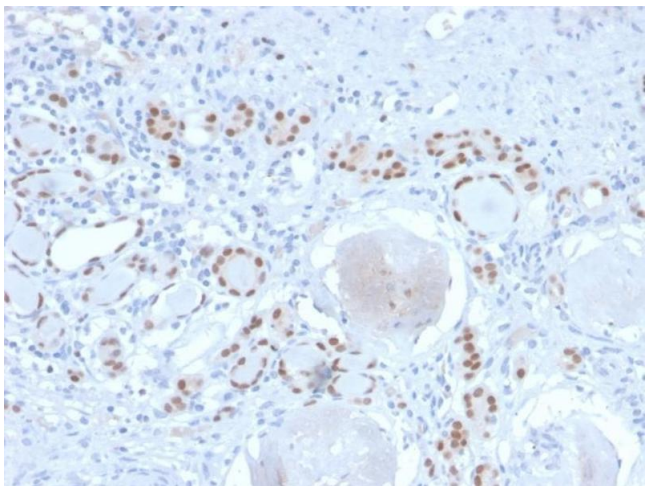
Expiry Date: 24 months

Images



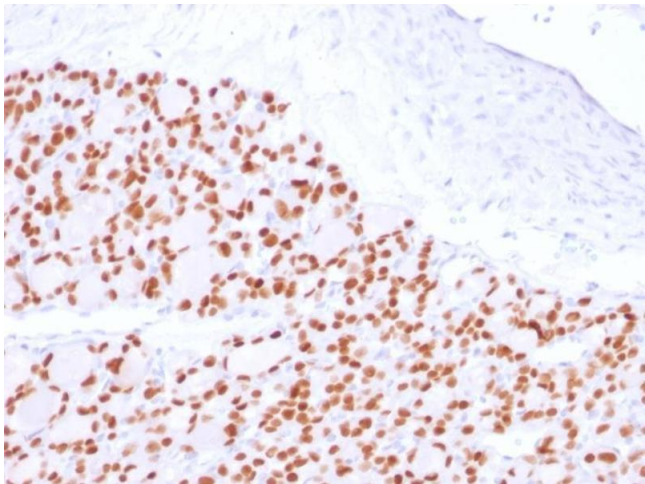
SDS-PAGE

Image 1. SDS-PAGE Analysis Purified PAX8 Recombinant Rabbit Monoclonal Antibody (PAX8/2774R). Confirmation of Purity and Integrity of Antibody.



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Kidney stained with PAX8 Recombinant Rabbit Monoclonal Antibody (PAX8/2774R).



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Thyroid stained with PAX8 Recombinant Rabbit Monoclonal Antibody (PAX8/2774R).