

Datasheet for ABIN6940926

Recombinant anti-PAX8 antibody (AA 60-261)



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2 Images

Overview

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

Product Details

Immunogen:	Recombinant fragment (around aa 60-261) of human PAX8 protein (exact sequence is proprietary)
Clone:	RPAX8-1492
Isotype:	IgG1 kappa
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 (IHC). Known Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT),(Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM Tris 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

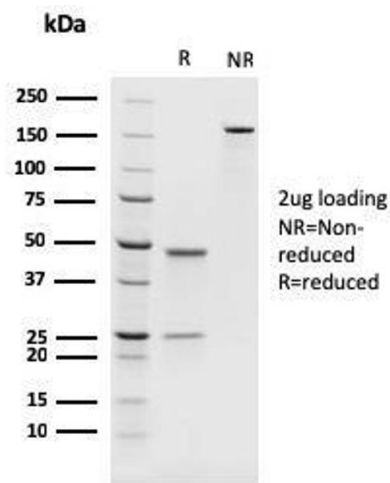
Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C

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.

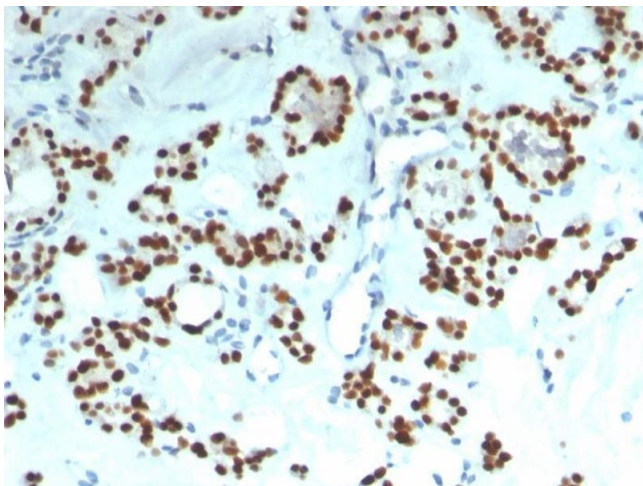
Expiry Date: 24 months

Images



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified PAX8 Recombinant Mouse Monoclonal Antibody (rPAX8/1492). Confirmation of Purity and Integrity of Antibody.



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Thyroid stained with PAX8 Recombinant Mouse Monoclonal Antibody (rPAX8/1492).