

# Product Datasheet

## **PAX8 Antibody (PAX8/1491) [DyLight 550] NBP2-54486R**

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP2-54486R**

PAX8 Antibody (PAX8/1491) [DyLight 550]

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	PAX8/1491
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Conjugate	DyLight 550
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Description	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
Host	Mouse
Gene ID	7849
Gene Symbol	PAX8
Species	Human
Marker	Renal Cell Marker
Specificity/Sensitivity	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.
Immunogen	Recombinant fragment (around aa 60-261) of human PAX8 protein (exact sequence is proprietary) (Uniprot: Q06710)
Notes	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Western Blot, Immunohistochemistry-Paraffin, Protein Array
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP2-54486R**

NBP1-43317R	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [DyLight 550]
NBP2-51907-0.05mg	Recombinant Human PAX8 His Protein
288-TPN-025/CF	Thrombopoietin/THPO [Unconjugated]
NBL1-14132	PAX8 Overexpression Lysate

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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