

# Product Datasheet

## **PAX8 Antibody (PAX8/2774R) [Janelia Fluor® 549] NBP3-08275JF549**

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08275JF549**

PAX8 Antibody (PAX8/2774R) [Janelia Fluor® 549]

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	PAX8/2774R
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Janelia Fluor 549
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Rabbit
Gene ID	7849
Gene Symbol	PAX8
Species	Human, Canine
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	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.
Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to NBP3-08275JF549**

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NBP2-24891JF549	Rabbit IgG Isotype Control [Janelia Fluor 549]
NBP2-51907-0.05mg	Recombinant Human PAX8 His Protein
288-TPN-025/CF	Thrombopoietin/THPO [Unconjugated]
NBL1-14132	PAX8 Overexpression Lysate

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### **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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