

# Product Datasheet

## **PAX8 Antibody (PAX8/3688R) [Janelia Fluor® 646] NBP3-08295JF646**

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08295JF646**

PAX8 Antibody (PAX8/3688R) [Janelia Fluor® 646]

| 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               | PAX8/3688R  |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG   |
| Conjugate           | Janelia Fluor 646   |
| Purity              | Protein A or G purified   |
| Buffer              | 50mM Sodium Borate  |

| Product Description     |  |
|-------------------------|--|
| Host                    | Rabbit   |
| 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               | Synthetic peptide corresponding to the C-terminus of human PAX8 protein (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 NBP3-08295JF646**

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|                   |  |
|-------------------|--|
| NBP2-24891JF646   | Rabbit IgG Isotype Control [Janelia Fluor 646] |
| 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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