

Product Datasheet

PAX8 Antibody (PAX8/1492) [Alexa Fluor® 700] NBP2-54539AF700

Unit Size: 100 ul

Store at 4C in the dark.

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Updated 10/23/2024 v.20.1

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NBP2-54539AF700

PAX8 Antibody (PAX8/1492) [Alexa Fluor® 700]

| 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 | PAX8/1492 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG2b Kappa |
| Conjugate | Alexa Fluor 700 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Host | Mouse |
| 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) |



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| Product Application Details | |
|------------------------------------|--|
| Applications | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array, CyTOF-ready |
| Recommended Dilutions | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Protein Array, CyTOF-ready |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |



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Products Related to NBP2-54539AF700

| | |
|-------------------|---|
| NBP1-43317AF700 | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [Alexa Fluor® 700] |
| 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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