

## Anti-PAX8 Antibody [rPAX8/1492] - BSA and Azide free (A253543)

### Specifications:

|                        |  |
|------------------------|--|
| Name:                  | Anti-PAX8 Antibody [rPAX8/1492] - BSA and Azide free   |
| Description:           | Recombinant mouse monoclonal [rPAX8/1492] antibody to PAX8.  |
| Specificity:           | This antibody 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. |
| Applications:          | IHC-P  |
| Recommended Dilutions: | IHC-P: 1-2 µg/ml   |
| Reactivity:            | Human  |
| Immunogen:             | Recombinant fragment, around amino acids 60-261, of human PAX8 protein. The exact sequence is proprietary.   |
| Host:                  | Mouse  |
| Clonality:             | Monoclonal   |
| Clone ID:              | rPAX8/1492   |
| Isotype:               | IgG1   |
| Light Chains:          | kappa  |
| Conjugate:             | Unconjugated   |
| Purification:          | Protein A/G chromatography.  |
| Concentration:         | 1 mg/ml  |
| Product Form:          | Liquid   |
| Formulation:           | Supplied in 10mM Phosphate Buffered Saline; without Sodium Azide and carrier free.   |
| Storage:               | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.  |

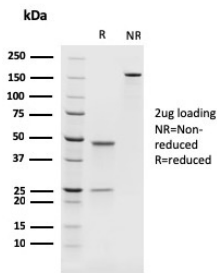
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### Specifications continued:

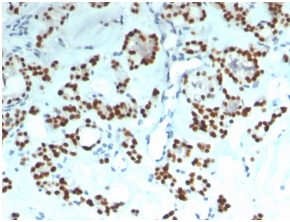
**General Notes:** This monoclonal antibody is also available in a different formulation with BSA and Sodium Azide - Anti-PAX8 Antibody [rPAX8/1492] (A250363).

**Disclaimer:** This product is for research use only. It is not intended for diagnostic or therapeutic use.

### Images:



SDS-PAGE analysis of Anti-PAX8 Antibody [rPAX8/1492] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human thyroid using Anti-PAX8 Antibody [rPAX8/1492].