

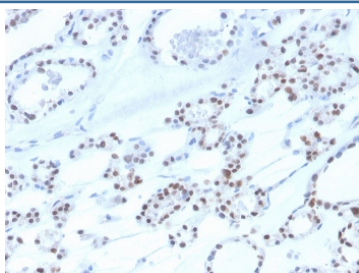
## Recombinant PAX8 Antibody [clone rPAX8/3687] (V8626)

| Catalog No.    | Formulation                                                                | Size   |
|----------------|----------------------------------------------------------------------------|--------|
| V8626-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V8626-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug  |
| V8626SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                             | 100 ug |

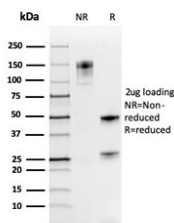
Recombinant **MOUSE MONOCLONAL**

[Bulk quote request](#)

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Availability       | 1-3 business days                                                  |
| Species Reactivity | Human                                                              |
| Format             | Purified                                                           |
| Clonality          | Recombinant Mouse Monoclonal                                       |
| Isotype            | Mouse IgG1, kappa                                                  |
| Clone Name         | rPAX8/3687                                                         |
| Purity             | Protein G affinity chromatography                                  |
| UniProt            | Q06710                                                             |
| Localization       | Nuclear                                                            |
| Applications       | Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT        |
| Limitations        | This recombinant PAX8 antibody is available for research use only. |



IHC staining of FFPE human thyroid with recombinant PAX8 antibody. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant PAX8 antibody as confirmation of integrity and purity.

## Description

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.

## Application Notes

Optimal dilution of the recombinant PAX8 antibody should be determined by the researcher.

## Immunogen

A synthetic peptide corresponding to the C-terminus of the human protein was used as the immunogen for the recombinant PAX8 antibody.

## Storage

Store the recombinant PAX8 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).