

Recombinant PAX8 Monoclonal Antibody

catalog number: AN301620L

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

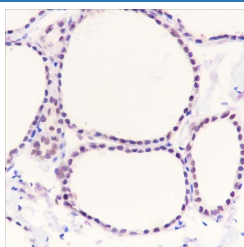
Reactivity	Human;Rat;Mouse
Immunogen	Recombinant human PAX8 fragment
Host	Rabbit
Isotype	IgG, κ
Clone	C141243
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

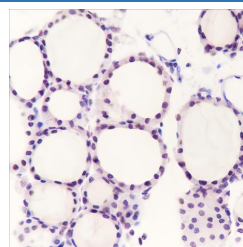
Recommended Dilution

IHC	1:50-1:100
IF	1:50

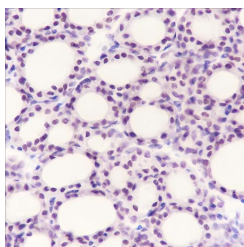
Data



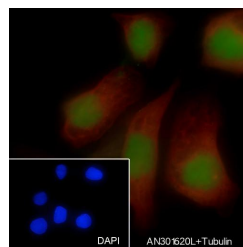
Immunohistochemistry of paraffin-embedded Human thyroid using PAX8 Monoclonal Antibody at dilution of 1:100.



Immunohistochemistry of paraffin-embedded Mouse thyroid using PAX8 Monoclonal Antibody at dilution of 1:100.



Immunohistochemistry of paraffin-embedded Rat thyroid using PAX8 Monoclonal Antibody at dilution of 1:100.



Immunofluorescent analysis of (4% Paraformaldehyde) fixed SK-OV-3 cells using anti-PAX8 Monoclonal Antibody at dilution of 1:50.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

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Rev. V1.1

PAX8 is one of nine transcription factors within the PAX gene family. It has been observed to be expressed during embryonic development however expression attenuates after development in all but a few tissues. Research has indicated that over-expression of PAX proteins in general are not an initiating event in tumorigenesis however they may facilitate malignant development. PAX8 is expressed in 80-96% of all High-grade serous carcinomas (HGSC) and is commonly used as a marker for the disease. In addition PAX8 has become a useful biomarker for differentiating between mullerian mucinous and non-mullerian tumors. PAX8 has also been associated with neoplasms in the kidney and thyroid.