

Pax8 monoclonal antibody

Catalog: MB9405

Host: Mouse

Reactivity: Human

BackGround:

The PAX gene family has an important role in the formation of tissues and organs during embryonic development and maintaining the normal function of some cells after birth. The PAX genes give instructions for making proteins that attach themselves to certain areas of DNA. This nuclear protein is involved in thyroid follicular cell development and expression of thyroid-specific genes. PAX8 releases the hormones important for regulating growth, brain development, and metabolism. Also functions in very early stages of kidney organogenesis, the müllerian system, and the thymus. Additionally, PAX8 is expressed in the renal excretory system, epithelial cells of the endocervix, endometrium, ovary, Fallopian tube, seminal vesicle, epididymis, pancreatic islet cells and lymphoid cells. PAX8 and other transcription factors play a role in binding to DNA and regulating the genes that drive thyroid hormone synthesis (Tg, TPO, Slc5a5 and Tshr). This PAX-8 antibody is intended for qualified laboratories to qualitatively identify by light microscopy the presence of associated antigens in sections of formalin-fixed, paraffin-embedded tissue sections using IHC test methods.

Product:

Mouse IgG1, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

48 kDa

Swiss-Prot:

Q06710(Human)

Purification&Purity:

Peptide affinity purified.

Applications:

WB:1:500-1:2,000

IHC:1:100-1:200

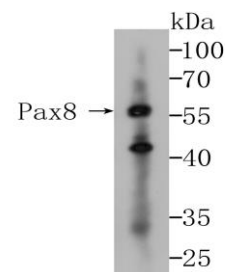
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C. Avoid repeated freeze / thaw cycles.

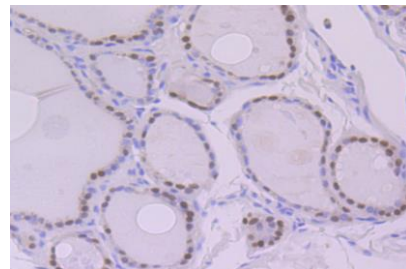
Specificity:

Pax8 monoclonal antibody detects endogenous levels of Pax8 protein.

DATA:



Western blot analysis of Pax8 on skov-3 cells lysates using anti-Pax8 antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded human thyroid gland tissue using anti-Pax8 antibody. Counter stained with hematoxylin.

Note:

For research use only, not for use in diagnostic procedure.

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