

PAX-8 Antibody

Catalog No: #P1004

Package Size: #P1004 0.1m

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

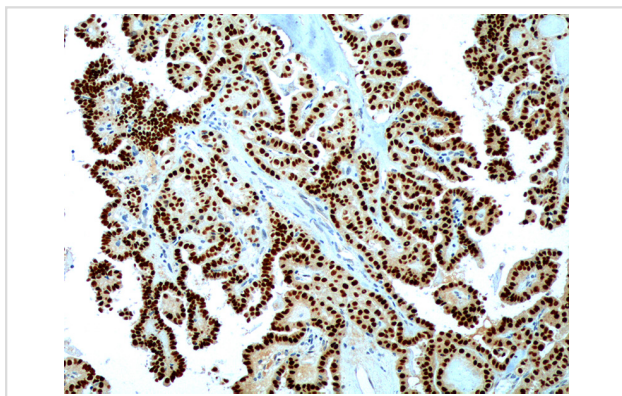
Product Name	PAX-8 Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	IHC008
Applications	IHC
Species Reactivity	Human
Formulation	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and
Storage	Store at 2-8C. Do not freeze.

Application Details

Recommended

working dilution range:1:100 - 1:200

Images



PAX-8 Antibody (P1004) on Ovary Tumor

Product Description

PAX-8 is a member of the paired box (PAX) family of transcription factors, which are key regulators in early development. This protein plays a role in development of thyroid follicular cells and the expression of thyroid-specific genes, with mutations in the PAX-8 gene linked to thyroid follicular carcinomas, atypical thyroid adenomas, and thyroid dysgenesis. The PAX-8 protein is expressed in simple ovarian inclusion cysts and non-ciliated mucosal cells of the fallopian tubes, but is absent from normal ovarian surface epithelial cells. PAX-8 is also not expressed in normal lung or lung carcinomas. Reports have associated PAX-8 expression with renal carcinoma, nephroblastoma, and seminoma, and have indicated PAX-8 as a useful marker for renal epithelial tumors, ovarian cancer, and for differential diagnoses in lung and neck tumors. Anti-PAX-8 can be useful in determining the primary site of invasive micropapillary carcinomas of ovary from bladder, lung, and breast, when used in adjunct with a panel of organ-specific markers such as uroplakin, mammaglobin, and TTF-1.

References

- Tong GX, et al. Mod Pathol. 2009; 22:1218-27.
- Nonaka D, et al. Mod Pathol. 2008; 21:192-200.
- Tamara L, et al. Am J Surg Pathol. 2009; 33:1037-41.
- Nikiforova MN, et al. Am J Surg Pathol. 2002; 26:1016-23.
- Nonaka D, et al. Am J Surg Pathol. 2008; 32:1566-71.
- Marques AR, et al. J Clin Endocrinol Metab. 2002; 87:3947-52.
- Tina DP, et al. J Biol Chem. 2003; 278:3395-3402.
- Bowen NJ, et al. Gynecol Oncol. 2007; 104:331-7.
- Zhang P, et al. Pathol Int. 2006; 56:240-245.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.