

Mouse anti-PAX8, clone PAX8/1492 (Monoclonal)

Clone no. PAX8/1492

MONOSAN

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Product name	Mouse anti-PAX8, clone PAX8/1492 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:200), WB
Species reactivity	Human
Conjugate	-
Immunogen	Recombinant human PAX8 protein
Isotype	IgG2a
Clonality	Monoclonal
Clone number	PAX8/1492
Size	1 ml
Concentration	n/a
Format	Purified
Storage buffer	Purified antibody in PBS with 0,05% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

PAX8 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. PAX8 is expressed in the thyroid (and associated carcinomas), non-ciliated mucosal cells of the fallopian tubes, and simple ovarian inclusion cysts, but normal ovarian surface epithelial cells. PAX8 is expressed in a high percentage of ovarian serous, endometrioid, and clear cell carcinomas, but only rarely in primary ovarian mucinous adenocarcinomas. PAX8 antibody may be used as an additional immunohistochemical marker for renal epithelial tumors.

Pre-treatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0 for 20 minutes, is required for IHC staining on formalin-fixed, paraffin embedded tissue sections. Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended. Control tissue Renal Cell Carinoma. Staining Nuclear

**References**

1. Tong GX, et al. Mod Pathol. 2009Sep;22(9) 1218-27
2. -
3. -
4. -
5. -

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