

For Research Use Only

PAX8 Recombinant antibody

Catalog Number: 80022-1-RR



Basic Information

Catalog Number: 80022-1-RR	GenBank Accession Number: BC001060	Purification Method: Protein A purification
Size: 100ul , Concentration: 640 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7849	CloneNo.: 5D20
Source: Rabbit	UNIPROT ID: Q06710	Recommended Dilutions: IHC 1:2500-1:10000
Isotype: IgG	Full Name: paired box 8	
Immunogen Catalog Number: AG16019	Calculated MW: 450 aa, 48 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human ovary tumor tissue,
Species Specificity: Human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

PAX8 is a member of the paired box (PAX) family of transcription factors, typically containing a paired box domain and a paired-type homeodomain. It is expressed during organogenesis of the thyroid gland, kidney and Mullerian system. It is thought to regulate the expression of Wilms tumor suppressor (WT1) gene and mutations in PAX8 have been associated with Wilms tumor cells, thyroid and ovarian carcinomas. PAX8 is a useful marker in distinguishing ovarian carcinomas from mammary carcinomas (PMID: 18724243). PAX8 is expressed in a high percentage of ovarian serous, endometrioid, and clear cell carcinomas, but only rarely in primary ovarian mucinous adenocarcinomas.

Storage

Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

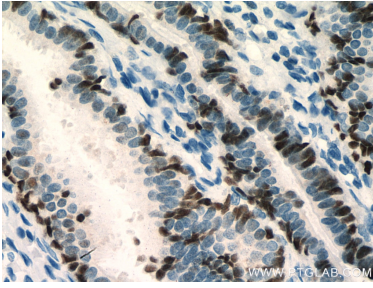
For technical support and original validation data for this product please contact:

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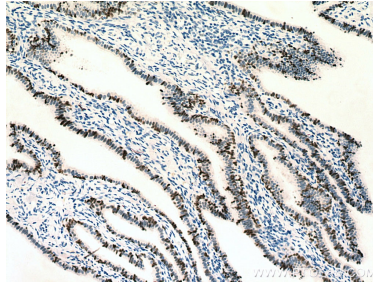
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 80022-1-RR (PAX8 antibody) at dilution of 1:5000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 80022-1-RR (PAX8 antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).