

À des fins de recherche uniquement

# Anticorps Monoclonal anti-PAX8

Numéro de catalogue: 60145-4-Ig **6 Publications**



## Informations de base

<b>Numéro de catalogue:</b> 60145-4-Ig	<b>Numéro d'acquisition GenBank:</b> BC001060	<b>Méthode de purification:</b> Purification par protéine A
<b>Taille:</b> 150ul , Concentration: 2100 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 7849	<b>CloneNo.:</b> 4H7B3
<b>Hôte:</b> Mouse	<b>Nom complet:</b> paired box 8	<b>Dilutions recommandées:</b> WB 1:1000-1:4000 IHC 1:5000-1:20000 IF 1:50-1:500
<b>Isotype:</b> IgG2b	<b>MW calculé:</b> 48 kDa	
<b>Immunogen Catalog Number:</b> AG0306	<b>MW observés:</b> 48 kDa	

## Applications

### Applications testées:

IF, IHC, WB, ELISA

### Demandes citées:

IF, IHC, WB

### Spécificité de l'espèce:

Humain, souris

### Espèces citées:

Humain, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.**

### Contrôles positifs:

**WB :** cellules SKOV-3, cellules HepG2, tissu de glande thyroïdienne humain

**IHC :** tissu de tumeur ovarienne humain, tissu d'amygdalite humain, tissu de cancer de la thyroïde humaine, tissu rénal de rat, tissu rénal de souris

**IF :** cellules SKOV-3,

## Informations générales

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.

PAX8 has 5 isoforms with calculated MW 31kd, 34kd, 41kd, 43kd and 48kd. And there is a 60kd band corresponding to the electrophoretic mobility of PAX8 (PMID:15650356).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Xue Tan	34631693	Front Cell Dev Biol	IHC,IF
Ping Qiu	35672291	Cell Death Discov	WB
Hyesung Kim	35778589	Sci Rep	IHC

## Stockage

### Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

### Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

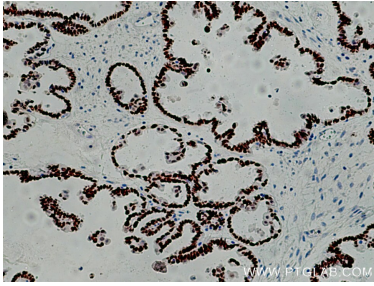
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

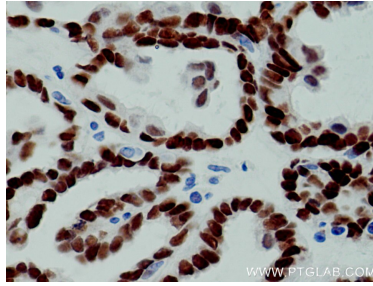
E: proteintech@ptglab.com  
W: ptglab.com

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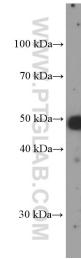
## Données de validation sélectionnées



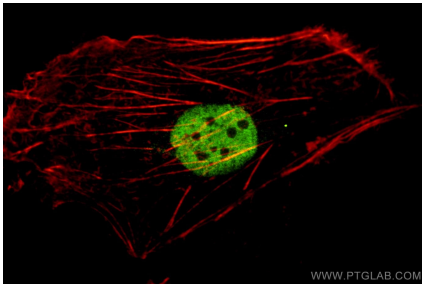
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 60145-4-Ig (PAX8 antibody) at dilution of 1:10000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 60145-4-Ig (PAX8 antibody) at dilution of 1:10000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



SKOV-3 cells were subjected to SDS PAGE followed by western blot with 60145-4-Ig (PAX8 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Confocal immunofluorescent analysis of (4% PFA) fixed SKOV-3 cells using 60145-4-Ig (PAX8 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). Phalloidin stains F-actin (Red).