

For Research Use Only

PAX8 Monoclonal antibody, PBS Only (Capture)

Catalog Number: 60144-1-PBS



Basic Information

Catalog Number: 60144-1-PBS	GenBank Accession Number: BC001060	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 7849	CloneNo.: 1C5A11
Source: Mouse	UNIPROT ID: Q06710	
Isotype: IgG2b	Full Name: paired box 8	
Immunogen Catalog Number: AG0306	Calculated MW: 48 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

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.

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).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

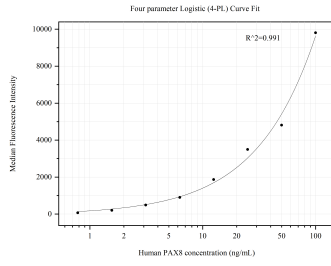
T: 4006900926

E: Proteintech-CN@ptglab.com

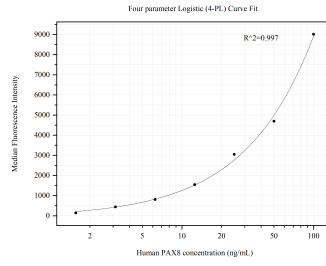
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Cytometric bead array standard curve of MP50408-4, PAX8 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60144-1-PBS. Detection antibody: 68979-2-PBS. Standard:Ag0306. Range: 0.781-100 ng/mL



Cytometric bead array standard curve of MP50408-5, PAX8 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60144-1-PBS. Detection antibody: 68979-1-PBS. Standard:Ag0306. Range: 1.563-100 ng/mL