

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: 100ug , Concentration: 1mg/ml by Nanodrop;	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

Product Information

60144-1-PBS targets PAX8 as part of a matched antibody pair:

MP50408-4: 60144-1-PBS capture and 68979-2-PBS detection (validated in Cytometric bead array)

MP50408-5: 60144-1-PBS capture and 68979-1-PBS detection (validated in Cytometric bead array)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

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

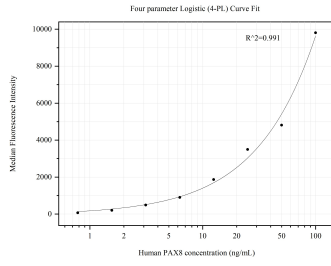
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

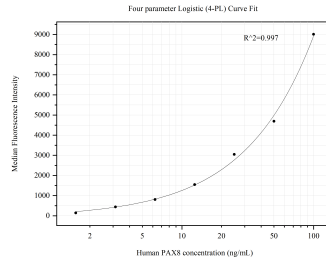
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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.