

For Research Use Only

WWOX Monoclonal antibody, PBS Only (Detector)

Catalog Number: 67725-1-PBS



Basic Information

Catalog Number: 67725-1-PBS	GenBank Accession Number: BC003184	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 51741	CloneNo.: 1B8F4
Source: Mouse	UNIPROT ID: Q9NZC7	
Isotype: IgG2a	Full Name: WW domain containing oxidoreductase	
Immunogen Catalog Number: AG7969	Calculated MW: 47 kDa	
	Observed MW: 40 kDa	

Applications

Tested Applications:
WB, IHC, Cytometric bead array, Indirect ELISA

Species Specificity:
human, mouse, rat, pig

Product Information

67725-1-PBS targets WWOX as part of a matched antibody pair.

MP51258-1: 67725-2-PBS capture and 67725-1-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

WWOX(WW domain-containing oxidoreductase) is also named as FOR, WOX1 and belongs to the short-chain dehydrogenases/reductases (SDR) family. The gene encodes a 46 kDa protein that contains two WW domains and a short-chain dehydrogenase/reductase domain and the protein is lost or reduced in the majority of many cancer types including breast, prostate, esophageal, lung, stomach, and pancreatic carcinomas and in a large fraction of other cancer types(PMID:17360458). WWOX behaves as a potential tumor-suppressor gene(PMID:15064722). It has 7 isoforms produced by alternative splicing.

Storage

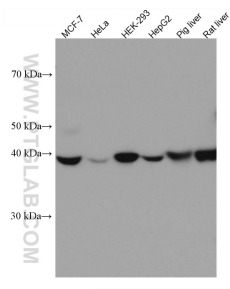
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

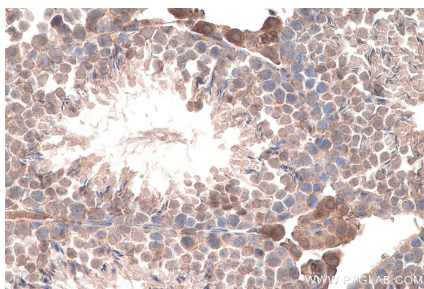
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

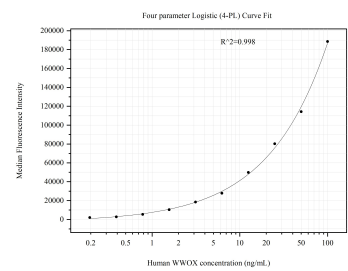
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67725-1-Ig (WWOX antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67725-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 67725-1-Ig (WWOX antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67725-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP51258-1, WWOX Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67725-2-PBS. Detection antibody: 67725-1-PBS. Standard: Ag7969. Range: 0.195-100 ng/mL