

For Research Use Only

# TDRKH Monoclonal antibody, PBS Only (Capture)

Catalog Number: 66845-1-PBS



## Basic Information

Catalog Number: 66845-1-PBS	GenBank Accession Number: BC032690	Purification Method: Protein G purification
Source: Mouse	GeneID (NCBI): 11022	CloneNo.: 2B1B12
Isotype: IgG1	UNIPROT ID: Q9Y2W6	
Immunogen Catalog Number: AG4720	Full Name: tudor and KH domain containing	
	Calculated MW: 606 aa, 67 kDa	
	Observed MW: 67-70 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, Cytometric bead array, Indirect ELISA

**Species Specificity:**  
human, mouse, rat, pig

## Background Information

Tudor and KH domain-containing protein(TDRKH)Tudor domains are protein modules that mediate protein-protein interactions, potentially by binding to methylated ligands. Both KH and tudor domains are involved in binding RNA or single-strand DNA. Tudor also is a germ cell-specific protein with multiple Tudor domains and is involved in germ plasm formation and germ cell specification. TDRKH is one Tudor protein with a single Tudor domain.

## 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, pH7.3

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

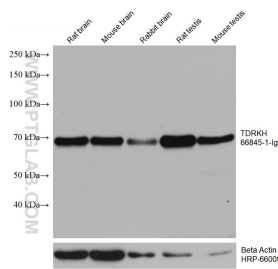
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

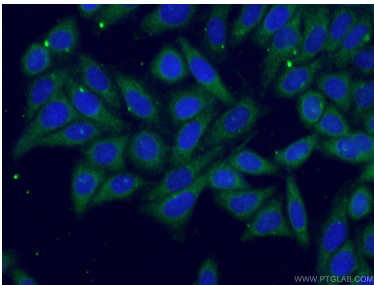
W: [ptgcn.com](http://ptgcn.com)

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

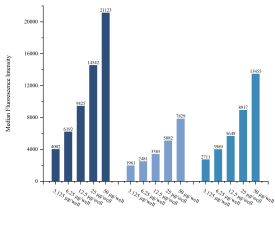
Selected Validation Data



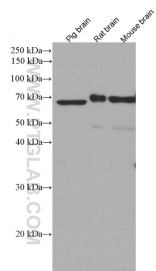
Various lysates were subjected to SDS PAGE followed by western blot with 66845-1-Ig (TDRKH antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control. This data was developed using the same antibody clone with 66845-1-PBS in a different storage buffer formulation.



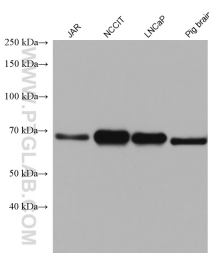
Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 66845-1-Ig (TDRKH antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66845-1-PBS in a different storage buffer formulation.



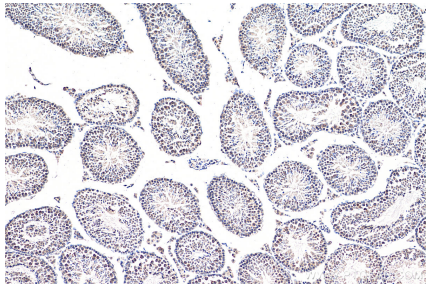
Cytometric bead array sample test of MP51542-2, TDRKH Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66845-1-PBS. Detection antibody: 66845-4-PBS.



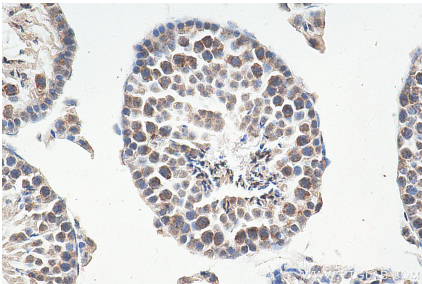
Various lysates were subjected to SDS PAGE followed by western blot with 66845-1-Ig (TDRKH antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66845-1-PBS in a different storage buffer formulation.



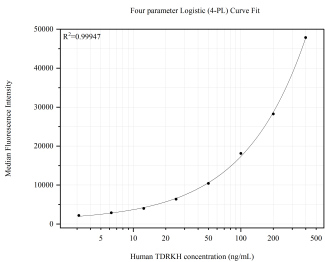
Various lysates were subjected to SDS PAGE followed by western blot with 66845-1-Ig (TDRKH antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66845-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 66845-1-Ig (TDRKH antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66845-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 66845-1-Ig (TDRKH antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66845-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP51542-2, TDRKH Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66845-1-PBS. Detection antibody: 66845-4-PBS. Standard:Ag4720. Range: 3.125-400 ng/mL