

For Research Use Only

# CoraLite®555-conjugated TDRKH Monoclonal antibody



Catalog Number:CL555-66845

## Basic Information

Catalog Number: CL555-66845	GenBank Accession Number: BC032690	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 11022	CloneNo.: 2B1B12
Source: Mouse	UNIPROT ID: Q9Y2W6	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: tudor and KH domain containing	Excitation/Emission maxima wavelengths: 557 nm / 570 nm
Immunogen Catalog Number: AG4720	Calculated MW: 606 aa, 67 kDa	
	Observed MW: 67-70 kDa	

## Applications

Tested Applications: IF/ICC, FC (Intra)	Positive Controls: IF/ICC : U2OS cells,
Species Specificity: human	

## 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.

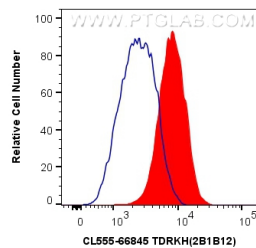
## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

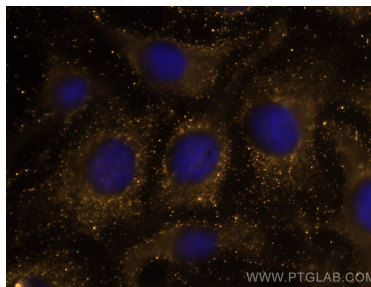
For technical support and original validation data for this product please contact:  
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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## Selected Validation Data



$1 \times 10^6$  MCF-7 cells were intracellularly stained with 0.4  $\mu$ g CoraLite®555 Anti-Human TDRKH (CL555-66845, Clone:2B1B12) (red), or 0.4  $\mu$ g Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using CoraLite®555 TDRKH antibody (CL555-66845, Clone: 2B1B12 ) at dilution of 1:200.