

For Research Use Only

# CoraLite®555-conjugated TDRKH Monoclonal antibody



Catalog Number:CL555-66845

## Basic Information

Catalog Number:

CL555-66845

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG4720

GenBank Accession Number:

BC032690

GeneID (NCBI):

11022

UNIPROT ID:

Q9Y2W6

Full Name:

tudor and KH domain containing

Calculated MW:

606 aa, 67 kDa

Observed MW:

67-70 kDa

Purification Method:

Protein G purification

CloneNo.:

2B1B12

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima

wavelengths:

557 nm / 570 nm

## Applications

Tested Applications:

FC (Intra), IF/ICC

Species Specificity:

Human, mouse, rat, pig

Positive Controls:

IF : U2OS cells,

## 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:

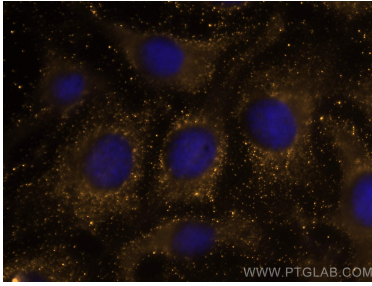
T: 4006900926

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

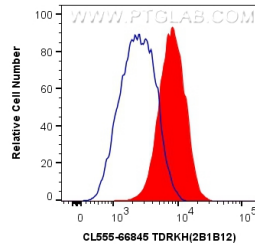
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



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



1X10<sup>6</sup> MCF-7 cells were intracellularly stained with 0.4 ug CoraLite®555 Anti-Human TDRKH (CL555-66845, Clone:2B1B12) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).