

For Research Use Only

CoraLite® Plus 488-conjugated TDRKH Monoclonal antibody



Catalog Number:CL488-66845

Basic Information

Catalog Number: CL488-66845	GenBank Accession Number: BC032690	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 11022	CloneNo.: 2B1B12
Source: Mouse	Full Name: tudor and KH domain containing	Recommended Dilutions: IF 1:400-1:1600
Isotype: IgG1	Calculated MW: 606 aa, 67 kDa	Excitation/Emission maxima wavelengths: 488 nm / 515 nm
Immunogen Catalog Number: AG4720	Observed MW: 67-70 kDa	

Applications

Tested Applications: FC (Intra), IF	Positive Controls: IF : HepG2 cells,
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

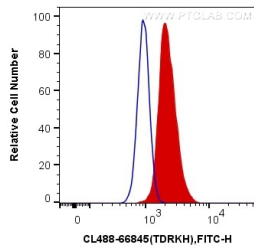
Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

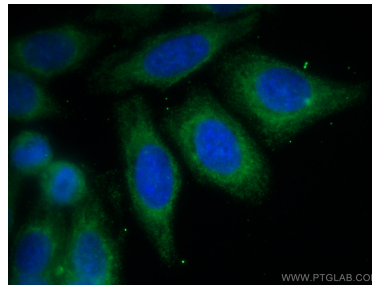
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

Selected Validation Data



1X10⁶ MCF-7 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human TDRKH (CL488-66845, Clone:2B1B12) (red), or 0.4 ug Mouse IgG1 Isotype Control (CL488-66360, Clone: T1F8D3F10) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using CoraLite® Plus 488 TDRKH antibody (CL488-66845, Clone: 2B1B12) at dilution of 1:800.