For Research Use Only

CoraLite® Plus 488-conjugated TDRKH Monoclonal antibody

Catalog Number:CL488-66845

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
CL488-66845

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/ICC 1:400-1:1600

Excitation/Emission maxima wavelengths:
493 nm / 522 nm

Applications

Tested Applications:
IF/ICC, FC (Intra)

Species Specificity:
human, mouse, rat, pig

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

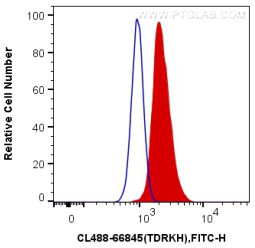
Tudor and KH domain-containing protein(TDRKH)Tudor domains are protein modules that mediate protein-protein interactions, potentially by binding to methylated ligands. Both KH and tudor domains are involved in binding RNA or single-strand DNA. Tudor also is a germ cell-specific protein with multiple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

Storage

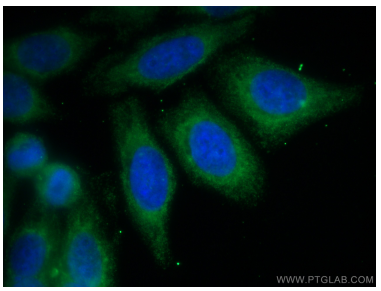
Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

Selected Validation Data



1X10^6 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.