For Research Use Only

CoraLite® Plus 488-conjugated RUVBL2 Monoclonal antibody

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

Catalog Number:CL488-67851

Basic Information

Catalog Number:
CL488-67851

Size:
1000 μg/ml

Source:
Mouse

Isotype:
IgG2b

Immunogen Catalog Number:
AG0253

GenBank Accession Number:
BC000428

GeneID (NCBI):
10856

UNIPROT ID:
Q9Y230

Full Name:
RuvB-like 2 (E. coli)

Calculated MW:
51 kDa

Observed MW:
51 kDa

Purification Method:
Protein A purification

CloneNo.:
1A1A4

Recommended Dilutions:
IF/ICC 1:200-1:800

Excitation/Emission maxima wavelengths:
493 nm / 522 nm

Applications

Tested Applications:
IF/ICC, FC (Intra)

Species Specificity:
human, mouse, rat

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

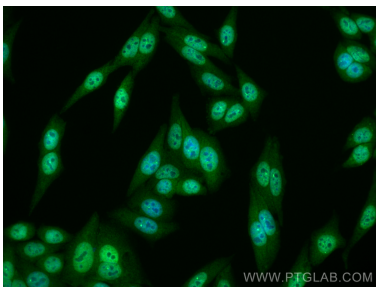
RUVBL2 belongs to the conserved ATPases associated with various cellular activities (AAA+) protein subfamily, which is characterized by the presence of conserved Walker A and B motifs that are involved in ATP binding and hydrolysis. The AAA+ (ATPases associated with diverse cellular activities) ATPases, RUVBL1 and RUVBL2, were originally isolated as components of transcriptional complexes and shown to function in a number of different cellular processes, including transcriptional regulation, chromatin remodelling and DNA damage responses. (PMID: 31572066, PMID: 31138842)

Storage

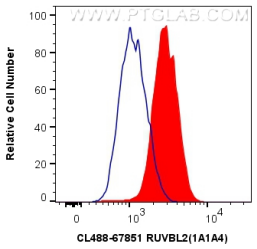
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 RUVBL2 antibody (CL488-67851, Clone: 1A1A4) at dilution of 1:200.



1X10^6 HL-60 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human RUVBL2 (CL488-67851, Clone:1A1A4) (red), or 0.4 ug Mouse IgG2b Isotype Control (CL488-66360-3, Clone: K11B8C4B5) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).