

CoraLite® Plus 488-conjugated RCHY1 Monoclonal antibody

Catalog Number: **CL488-67856**

Basic Information

Catalog Number:

CL488-67856

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG4942

GenBank Accession Number:

BC047393

GeneID (NCBI):

25898

UNIPROT ID:

Q96PM5

Full Name:

ring finger and CHY zinc finger
domain containing 1

Calculated MW:

261 aa, 30 kDa

Purification Method:

Protein A purification

CloneNo.:

2C11C11

Recommended Dilutions:

IF/ICC 1:50-1:500

**Excitation/Emission maxima
wavelengths:**

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human

Positive Controls:

IF/ICC : A549 cells, HeLa cells

Background Information

Pirh2 is also named as RCHY1, ARNIP, CHIMP, PIRH2, RNF199, ZNF363 and has p53-induced ubiquitin-protein ligase activity, promoting p53 degradation. Pirh2 monoubiquitinates the translesion DNA polymerase POLH and contributes to the regulation of the cell cycle progression. This protein has 8 isoforms produced by alternative splicing and can exist as a monomer or homodimer.

Storage

Storage:

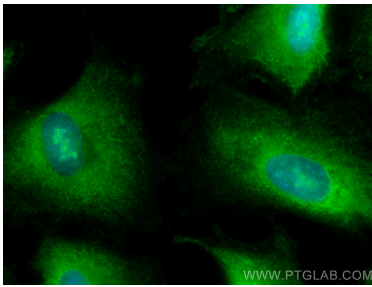
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

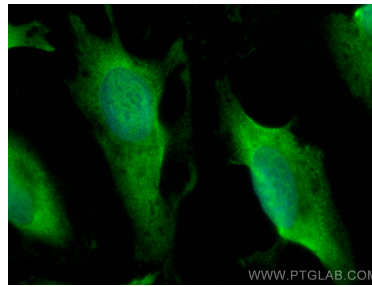
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

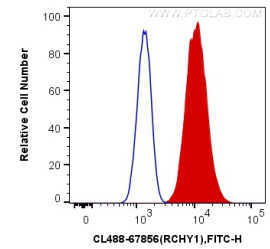
Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using Coralite® Plus 488 RCHY1 antibody (CL488-67856, Clone: 2C11C11) at dilution of 1:200.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using Coralite® Plus 488 RCHY1 antibody (CL488-67856, Clone: 2C11C11) at dilution of 1:200.



1X10⁶ PC-12 cells were intracellularly stained with 0.4 ug Coralite® Plus 488 Anti-Human RCHY1 (CL488-67856, Clone:2C11C11) (red), or 0.4 ug Mouse IgG2a Isotype Control (CL488-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).