

For Research Use Only

# CoraLite® Plus 488-conjugated RCHY1 Monoclonal antibody



Catalog Number: **CL488-67856**

## Basic Information

<b>Catalog Number:</b> CL488-67856	<b>GenBank Accession Number:</b> BC047393	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 25898	<b>CloneNo.:</b> 2C11C11
<b>Source:</b> Mouse	<b>Full Name:</b> ring finger and CHY zinc finger domain containing 1	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG2a	<b>Calculated MW:</b> 261 aa, 30 kDa	<b>Excitation/Emission maxima wavelengths:</b> 488 nm / 515 nm
<b>Immunogen Catalog Number:</b> AG4942		

## Applications

<b>Tested Applications:</b> FC (Intra), IF	<b>Positive Controls:</b> IF : A549 cells, HeLa cells
<b>Species Specificity:</b> Human	

## 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

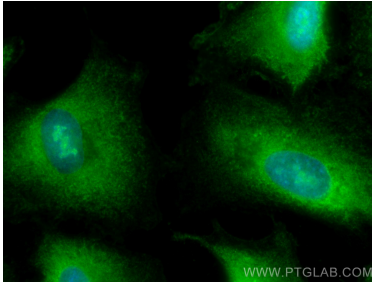
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

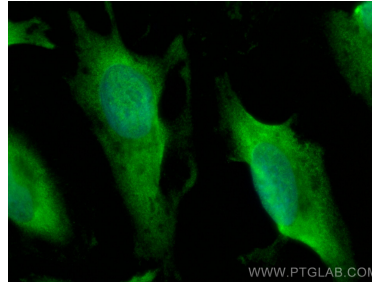
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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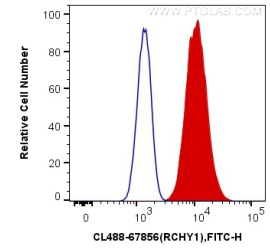
## Selected Validation Data



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.



1X10<sup>6</sup> 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).