

For Research Use Only

# RCHY1 Monoclonal antibody

Catalog Number: 67856-1-Ig

Featured Product

1 Publications



## Basic Information

<b>Catalog Number:</b> 67856-1-Ig	<b>GenBank Accession Number:</b> BC047393	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul, 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> WB 1:1000-1:6000 IHC 1:150-1:600 IF 1:400-1:1600
<b>Isotype:</b> IgG2a	<b>Calculated MW:</b> 261 aa, 30 kDa	
<b>Immunogen Catalog Number:</b> AG4942		

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB	<b>WB :</b> HEK-293 cells, LNCaP cells, Jurkat cells, K-562 cells, Daudi cells
<b>Species Specificity:</b> Human	<b>IHC :</b> human breast cancer tissue,
<b>Cited Species:</b> human	<b>IF :</b> HeLa cells, A549 cells
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Sharanya Nag	36968077	iScience	WB

## Storage

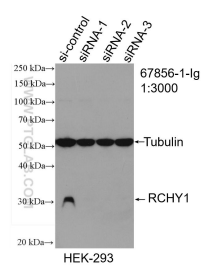
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

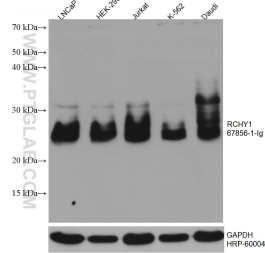
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

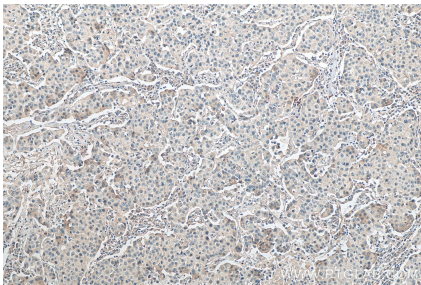
Selected Validation Data



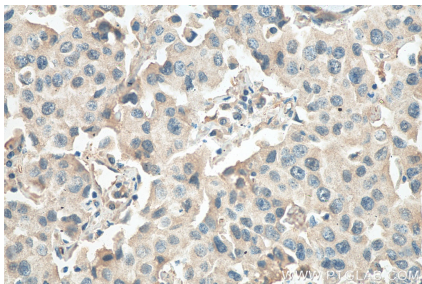
WB result of RCHY1 antibody (67856-1-Ig; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-RCHY1 transfected HEK-293 cells.



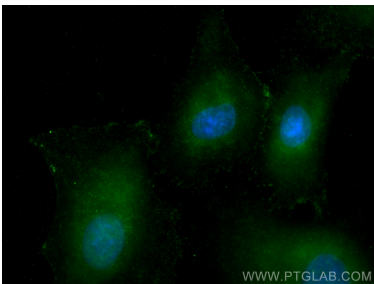
Various lysates were subjected to SDS PAGE followed by western blot with 67856-1-Ig (RCHY1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



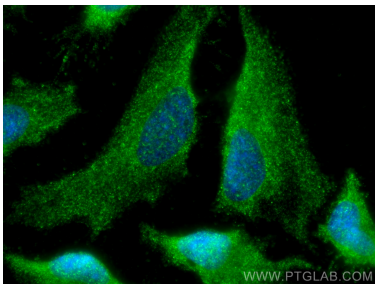
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67856-1-Ig (RCHY1 antibody) at dilution of 1:300 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67856-1-Ig (RCHY1 antibody) at dilution of 1:300 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using RCHY1 antibody (67856-1-Ig; Clone: 2C11C11) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using RCHY1 antibody (67856-1-Ig; Clone: 2C11C11) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).