

For Research Use Only

# RCHY1 Monoclonal antibody

Catalog Number: 67856-1-Ig

Featured Product

1 Publications



## Basic Information

Catalog Number:

67856-1-Ig

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:

WB 1:1000-1:6000

IHC 1:150-1:600

IF 1:400-1:1600

## Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

Cited Applications:

WB

Species Specificity:

Human

Cited Species:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : HEK-293 cells, LNCaP cells, Jurkat cells, K-562 cells, Daudi cells

IHC : human breast cancer tissue,

IF : HeLa cells, A549 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.

## 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

For technical support and original validation data for this product please contact:

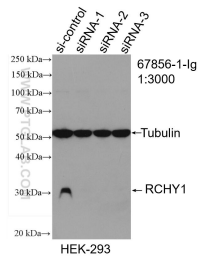
T: 4006900926

E: Proteintech-CN@ptglab.com

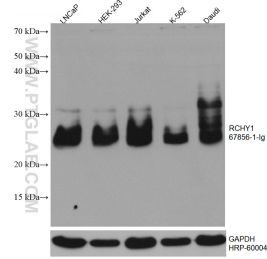
W: ptgcn.com

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

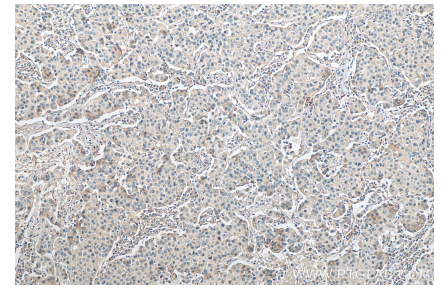
## Selected Validation Data



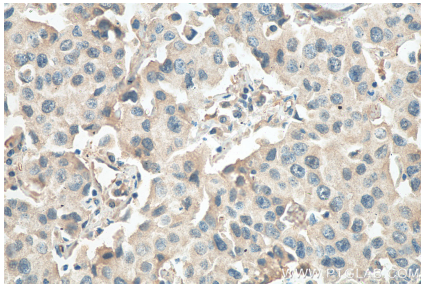
WB result of RCHY1 antibody (67856-1-Ig; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-RCHY1 transfected HEK-293 cells.



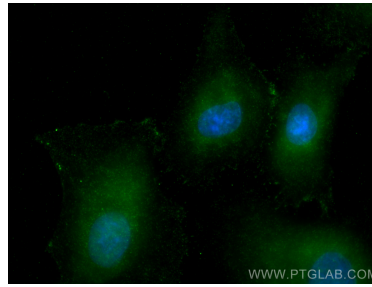
Various lysates were subjected to SDS PAGE followed by western blot with 67856-1-Ig (RCHY1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



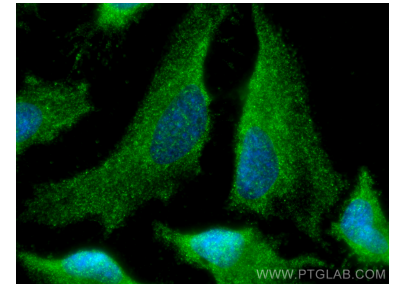
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67856-1-Ig (RCHY1 antibody) at dilution of 1:300 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).