

# Mouse Monoclonal Antibody to Pirh2

## Order Information

Catalog#	30005
Size/Concentration	50ul 100µl
Price(¥)	1280 2180

## Description

Pirh 2 (P53 induced RING-H2 protein), also known as RCHY1, it forms dimers through its N- and C-terminus in cells. The Pirh2 has ubiquitin-protein ligase activity and it binds with p53 and promotes the ubiquitin-mediated proteosomal degradation of p53. The Pirh2 is oncogenic because loss of p53 function contributes directly to malignant tumor development. Pirh2 expression decreases the level of p53, and a decrease of endogenous Pirh2 expression increases p53 levels. Pirh2 is therefore considered, together with MDM2, to act as a negative regulator of p53 function.

## Specification

Entrez GeneID	25898
Aliases	ARNIP; CHIMP; RNF199; RCHY1
Clone#	1H10
MW	30kDa; 60kDa (homodimer)
Host/Isotype	Mouse IgG1
Storage	4°C; -20°C for long term storage. Avoid freeze/thaw cycles.
Species Reactivity	Human,Rat
Immunogen	Purified recombinant fragment of human Pirh2 expressed in E. Coli.
Formulation	Ascitic fluid containing 0.03% sodium azide.

## Application

ELISA	1/10000
WB	1/500 - 1/2000
ICC	1/200 - 1/1000
FCM	1/200 - 1/400
IHC	1/200 - 1/1000

## References

1. Biochem Biophys Res Commun. 2007 Dec 14;364(2):344-50.
2. J Natl Cancer Inst. 2004 Nov 17;96(22):1718-21.
3. Exp Cell Res. 2006 Oct 15;312(17):3370-8.
4. Cell. 2003 Mar 21;112(6):779-91.






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## Protocol

WB - [www.promab.com/protocol/wb.html](http://www.promab.com/protocol/wb.html)  
IHC - [www.promab.com/protocol/ihc.html](http://www.promab.com/protocol/ihc.html)  
ICC - [www.promab.com/protocol/icc.html](http://www.promab.com/protocol/icc.html)  
HCM - [www.promab.com/protocol/hcm.html](http://www.promab.com/protocol/hcm.html)

**Antigen Sequence** is available upon request.

## Products and Services

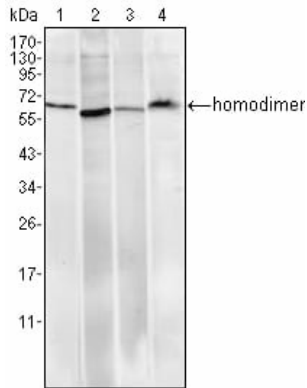
-  Mouse Monoclonal Antibody
-  Rat Monoclonal Antibody
-  Human Antibody
-  Hybridoma Sequencing
-  Polyclonal Antibody

## For Research Only

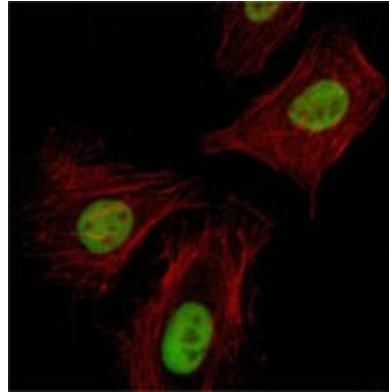
**Application Key:** **WB** - Western Blot | **IHC** - Immunohistochemistry | **ICC** - Immunocytochemistry | **FCM** - Flow Cytometry | **ELISA** - Enzyme-linked Immunosorbent Assay | **IP** - Immunoprecipitation

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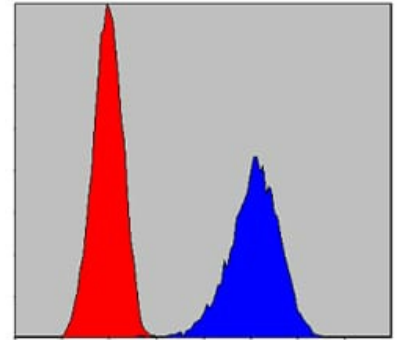
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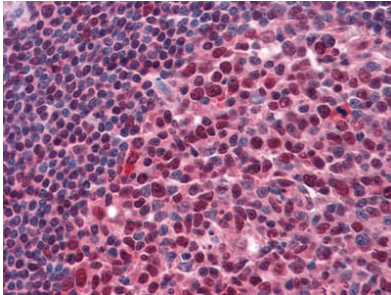
Western blot analysis using Pirh2 mouse mAb against HeLa (1), A549 (2), MCF-7 (3) and PC-12 (4) cell lysate.



Immunofluorescence analysis of HeLa cells using Pirh2 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of PC-12 cells using anti-Pirh2 mAb (blue) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human Tonsil tissues using anti-Pirh2 mouse mAb

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