

## Pirh2 Monoclonal Antibody

<b>Catalog No :</b>	YM0521
<b>Reactivity :</b>	Human;Rat
<b>Applications :</b>	WB;IHC;IF;FCM;ELISA
<b>Target :</b>	Pirh2
<b>Fields :</b>	>>p53 signaling pathway;>>Ubiquitin mediated proteolysis;>>Measles
<b>Gene Name :</b>	RCHY1
<b>Protein Name :</b>	RING finger and CHY zinc finger domain-containing protein 1
<b>Human Gene Id :</b>	25898
<b>Human Swiss Prot No :</b>	Q96PM5
<b>Mouse Swiss Prot No :</b>	Q9CR50
<b>Immunogen :</b>	Purified recombinant fragment of human Pirh2 expressed in E. Coli.
<b>Specificity :</b>	Pirh2 Monoclonal Antibody detects endogenous levels of Pirh2 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Monoclonal, Mouse
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC 1:200 - 1:1000. IF 1:200 - 1:1000. Flow cytometry: 1:200 - 1:400. ELISA: 1:10000. Not yet tested in other applications.
<b>Purification :</b>	Affinity purification
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	30kD

**Cell Pathway :** p53;Ubiquitin mediated proteolysis;

**P 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

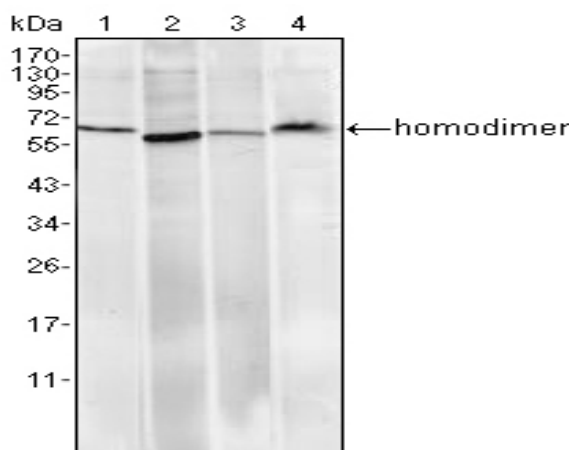
**Background :** The protein encoded by this gene has ubiquitin ligase activity. It mediates E3-dependent ubiquitination and proteasomal degradation of target proteins, including tumor protein 53, histone deacetylase 1, and cyclin-dependent kinase inhibitor 1B, thus regulating their levels and cell cycle progression. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jun 2013],

**Function :** similarity:Contains 1 CHY-type zinc finger.,similarity:Contains 1 CTCHY-type zinc finger.,similarity:Contains 1 RING-type zinc finger.,subunit:Interacts with AR, PLAG1 and SCYL1BP1/NTKLBP1.,

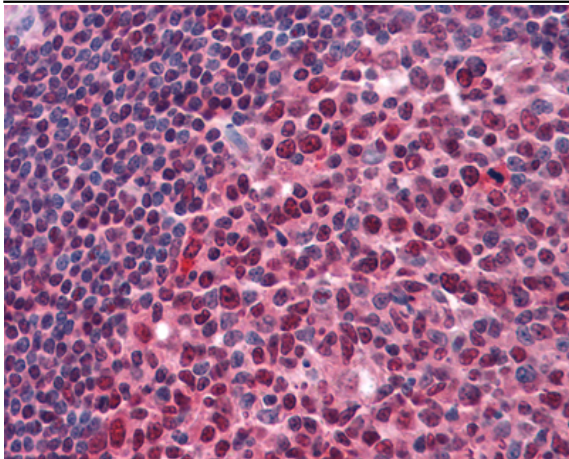
**Subcellular Location :** Nucleus. Nucleus speckle. Cytoplasm.

**Expression :** Liver,Platelet,Skin,Uterus,

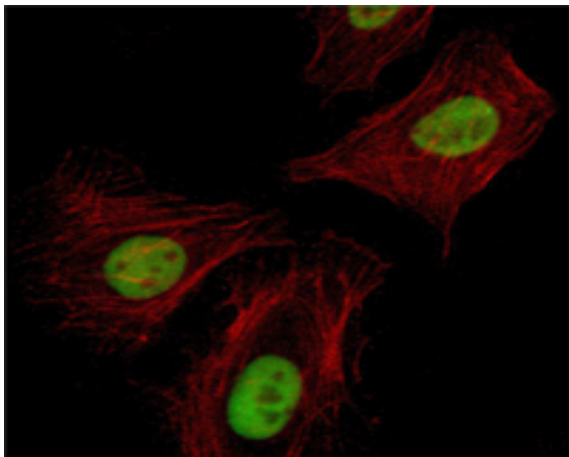
## Products Images



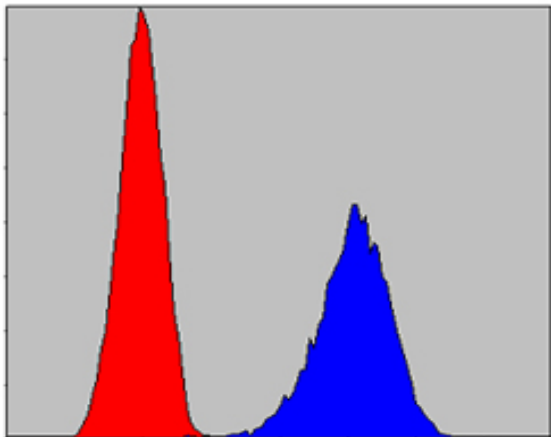
Western Blot analysis using Pirh2 Monoclonal Antibody against HeLa (1), A549 (2), MCF-7 (3) and PC-12 (4) cell lysate.



Immunohistochemistry analysis of paraffin-embedded human Tonsil tissues with AEC staining using Pirh2 Monoclonal Antibody.



Immunofluorescence analysis of Hela cells using Pirh2 Monoclonal Antibody (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



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