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Product datasheet for AM06384SU-N

Pirh2 (RCHY1) Mouse Monoclonal Antibody [Clone ID: 1H10]

Product data:

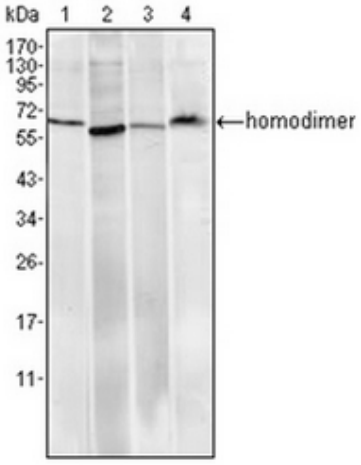
Product Type:	Primary Antibodies
Clone Name:	1H10
Applications:	ELISA, FC, IF, IHC, WB
Recommended Dilution:	**ELISA**: 1/10000. **Western Blot:** 1/500-1/2000. **Immunofluorescence**: 1/200-1/1000. **Flow Cytometry:** 1/200-1/400. **Immunohistochemistry on Paraffin Sections**: 1/200-1/1000.
Reactivity:	Human, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of Human Pirh2 expressed in E. Coli.
Specificity:	This antibody recognizes Ring Finger and CHY Zinc Finger Domain Containing 1 (RCHY1).
Formulation:	State: Ascites State: Ascitic fluid Preservative: 0.03% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	30 kDa; 60 kDa (homodimer)
Gene Name:	ring finger and CHY zinc finger domain containing 1
Database Link:	Entrez Gene 25898 Human Q96PM5

View online »

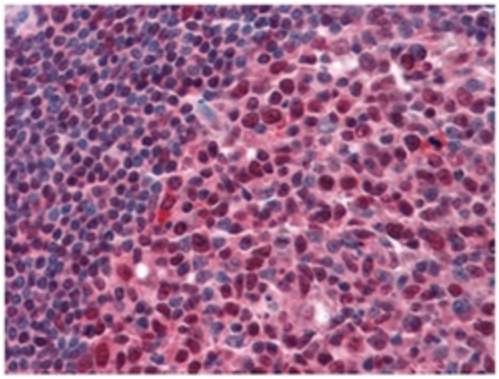
Background: Pirh 2 (P53 induced RING-H2 protein), also known as RCHY1, it forms dimers through its N- and C-terminus in cells. The Pirh2 has ubiquitin-protein ligase activity and it binds with p53 and promotes the ubiquitin-mediated proteosomal degradation of p53. The Pirh2 is oncogenic because loss 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.

Synonyms: ARNIP, CHIMP, RNF199, ZNF363

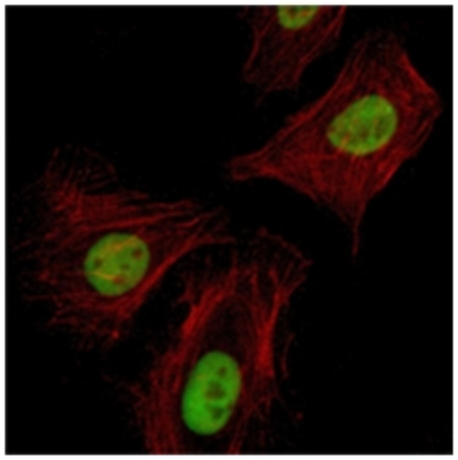
Product images:



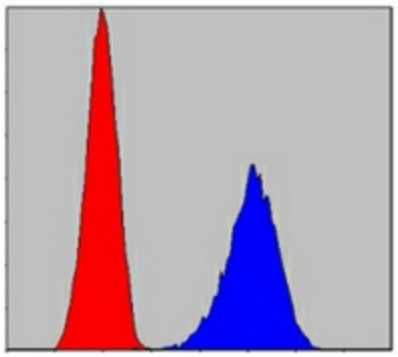
Western blot analysis using using RCHY1 / PIRH2 Antibody Cat.-No AM06384SU-N against Hela (1), A549 (2), MCF-7 (3) and PC-12 (4) cell lysate.



Immunohistochemical analysis of paraffin-embedded human Tonsil tissues using RCHY1 / PIRH2 Antibody Cat.-No AM06384SU-N



Immunofluorescence analysis of Hela cells using RCHY1 / PIRH2 Antibody Cat.-No AM06384SU-N (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of PC-12 cells using RCHY1 / PIRH2 Antibody Cat.-No AM06384SU-N (blue) and negative control (red).