

Mouse Monoclonal Antibody to Pirh2

Catalogue Number	sAP-0358
Target Molecule	Name: Pirh2 Aliases: ARNIP; CHIMP; RNF199; RCHY1 MW: 30kDa; 60kDa (homodimer) Entrez Gene ID: 25898
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.
Immunogen	Purified recombinant fragment of human Pirh2 expressed in E. Coli.
Recombinant Species	Human; Rat
Clone	MM1H10;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	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.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**