A Reliable Research Partner in Life Science and Medicine

## **PPIL1 Monoclonal Antibody**

catalog number: AN200142P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

### **Description**

Reactivity Human

Immunogen Recombinant Human PPIL1 protein

Host Mouse Isotype lgG2a Clone A990 **Purification** Protein A

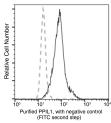
Buffer 0.2 µm filtered solution in PBS

#### **Applications Recommended Dilution**

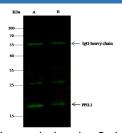
1:500-1:2000 **WB** 1:25-1:100 **FCM** 

4-6 µL/mg of lysate ΙP

#### Data

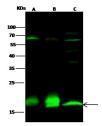


Flow cytometric analysis of Human PPIL1 expression on MCF-7 cells. The cells were stained with purified anti-Human Monoclonal Antibody and 15 µl of 50 % Protein G agarose. PPIL1, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.



Immunoprecipitation analysis using 2 µL anti-PPIL1 mouse Western blot was performed from the immunoprecipitate using PPIL1 mouse Monoclonal Antibody at a dilution of 1:100. Lane A:0.5 mg Hela Whole Cell Lysate, Lane B:0.5 mg U87MG Whole Cell Lysate

> Observed-MW:18 kDa Calculated-MW:18 kDa



Western Blot with PPIL1 Monoclonal Antibody at dilution of 1:500. Lane A: U87MG Whole Cell Lysate, Lane B: K562 Whole Cell Lysate, Lane C: Hela Whole Cell Lysate, Lysates/proteins at 30 µg per lane.

> Observed-MW:18 kDa Calculated-MW:18 kDa

**Preparation & Storage** 

# For Research Use Only

Toll-free: 1-888-852-8623 Fax: 1-832-243-6017 Tel: 1-832-243-6086 Web: www.elabscience.com Email: techsupport@elabscience.com



### **Elabscience Bionovation Inc.**

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**Storage** This antibody can be stored at 2°C-8°C for one month without detectable loss of

activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

Shipping Ice bag

### **Background**

This gene is a member of the cyclophilin family of peptidylprolyl isomerases (PPlases). The cyclophilins are a highly conserved, ubiquitous family, members of which play an important role in protein folding, immunosuppression by cyclosporin A, and infection of HIV-2 virions. Based on similarity to other PPlases, this protein could accelerate the folding of proteins and might catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.

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 Rev. V1.2