PPIL1 Monoclonal Antibody

catalog number: **AN200142P**

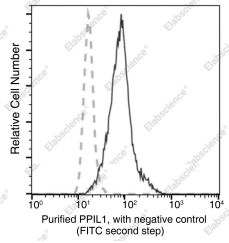
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

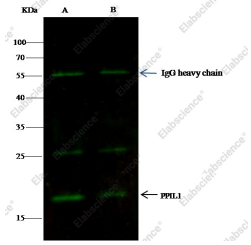
Reactivity	Human
Immunogen	Recombinant Human PPIL1 protein
Host	Mouse
Isotype	Mouse IgG2a
Clone	A990
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	0.2 μm filtered solution in PBS.

Applications	Recommended Dilution
WB	1:500-1:2000
IP	4-6 μL/mg of lysate
FCM	1:25-1:100

Data



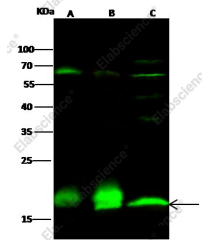
Flow cytometric analysis of Human PPIL1 expression on MCF-7 cells. The cells were stained with purified anti-Human PPIL1, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.



Immunoprecipitation analysis using 2 μL anti-PPIL1 mouse Monoclonal Antibody and 15 μl of 50 % Protein G agarose. 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

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Preparation & Storage

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 (PPIases). 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 PPIases, 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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