

Anti-PPIL1 Antibody (7S22)

Product Details

Ig Type:	Mouse IgG2a
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	7S22
Purification:	Protein A

Applications

1. Anti-PPIL1 mouse monoclonal antibody at 1:500 dilution.
- 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.
 - Secondary
 - Goat Anti-Mouse IgG H&L (Dylight800) at 1/15000 dilution.
 - Developed using the Odyssey technique.
 - Performed under reducing conditions.
 - Predicted band size:18 kDa.
 - Observed band size:19 kDa(We are unsure as to the identity of these extra bands.)
2. PPIL1 was immunoprecipitated using:
- Lane A:0.5 mg Hela Whole Cell Lysate.
 - Lane B:0.5 mg U87MG Whole Cell Lysate.
- Verified Activity:
- 2 µL anti-PPIL1 mouse monoclonal antibody and 15 µl of 50 % Protein G agarose.
 - Primary antibody:
 - Anti-PPIL1 mouse monoclonal antibody, at 1:100 dilution.
 - Secondary antibody:
 - Dylight 800-labeled antibody to Mouse IgG (H+L), at 1:7500 dilution.
 - Developed using the odyssey technique.
 - Performed under reducing conditions.
 - Predicted band size: 18 kDa.
 - Observed band size: 18 kDa.
3. Flow cytometric analysis of Human PPIL1 expression on MCF-7 cells. The cells were treated according to manufacturer's manual (BD Pharmingen™ Cat. No. 554714), 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.

A DRUG SCREENING EXPERT

Application: ELISA,FCM,IP,WB

Recommended WB: 1:500-1:2000; ELISA: 1:1000-1:2000; FCM: 1:25-1:100; IP: 4-6 µL/mg of lysate

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein: Human PP1L1 protein (TMPY-03285)

Antigen Species: Human

Synonyms: CYPL1;hCyPX;CGI-124;PPIase;peptidylprolyl isomerase (cyclophilin)-like 1

Research Background

PP1L1 is a member of the cyclophilin family. Cyclophilins are well conserved and ubiquitous. Members of cyclophilin family take a significant part in protein folding, immunosuppression by cyclosporin A, and infection of HIV-1 virions. PP1L1 is a peptidylprolyl isomerase(PPIase). It increases the folding of proteins and catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. PP1L1 is involved in proliferation of cancer cells through modulation of phosphorylation of stathmin. It is a novel molecular target for colon-cancer therapy.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481