

**Catalog #: 5554**

## Aliases

PPP1R18; Protein Phosphatase 1 Regulatory Subunit 18; Phostensin; KIAA1949; Protein Phosphatase 1 F-Actin Cytoskeleton Targeting Subunit; HKMT1098; Protein Phosphatase 1 F-Actin Cytoskeleton-Targeting Subunit; Protein Phosphatase 1, Regulatory Subunit 18

## Background

Gene Name: PPP1R18

NCBI Gene Entry: [170954](#)

UniProt Entry: [Q6NYC8](#)

## Application Information

Molecular Weight: Predicted, 68 kDa; observed, 110 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB4230

Species Reactivity: Human

Applications Tested: Western blotting (WB), flow cytometry (FCM)

## Immunogen

Recombinant protein of human PPP1R18

## Isotype

Mouse IgG1

## Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:400-1:2,000

Flow Cytometry (FCM): 1:2,000

**Note:** This product is for research use only.

## Validation Data

---

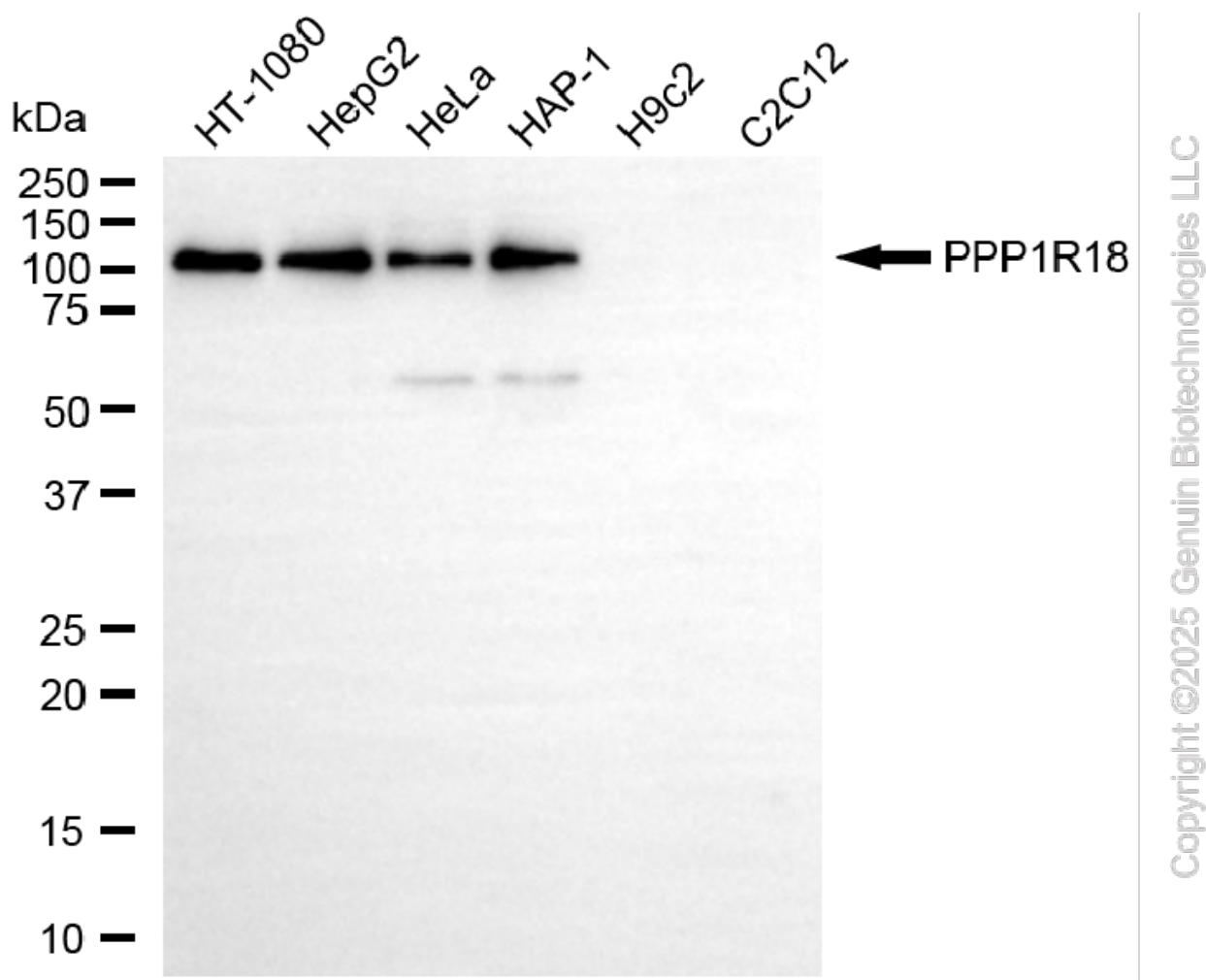
### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

### ORDERS

SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

[WWW.GENUINBIOTECH.COM](http://WWW.GENUINBIOTECH.COM)



Western blotting analysis using anti-PPP1R18 antibody (Cat#5554). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PPP1R18 antibody (Cat#5554, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

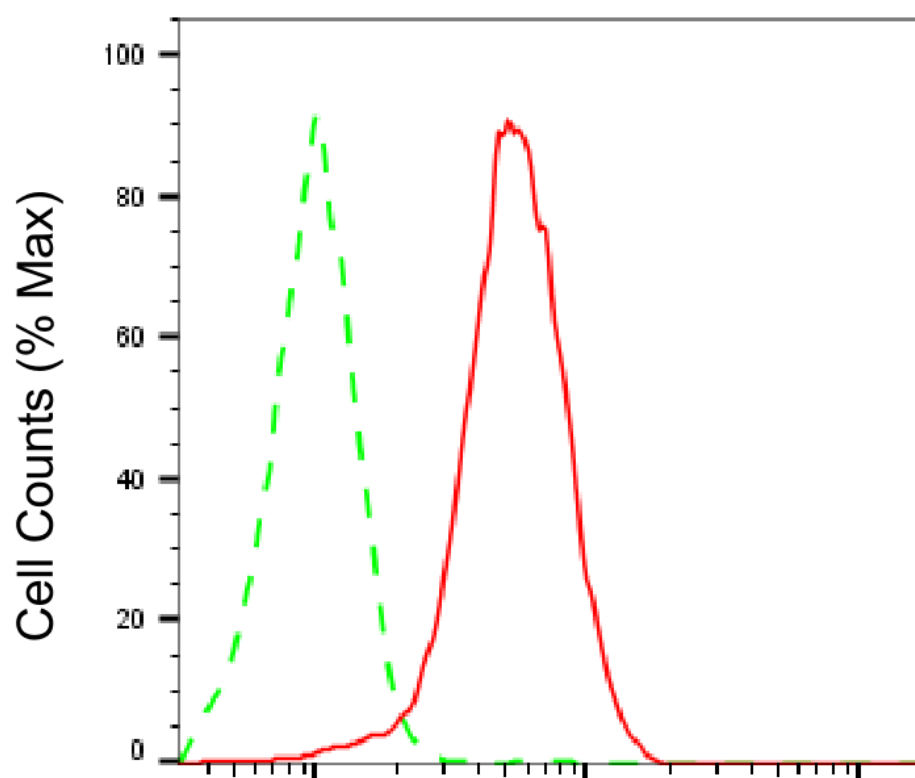
**SUPPORT**

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

**ORDERS**

SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

[WWW.GENUINBIOTECH.COM](http://WWW.GENUINBIOTECH.COM)



Copyright ©2025 Genuin Biotechnologies LLC

### PPP1R18-Alexa Fluor® 647

Flow cytometric analysis of PPP1R18 expression in HAP-1 cells using anti-PPP1R18 antibody (Cat#5554, 1:2,000). Green, isotype control; red, PPP1R18.

#### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

#### ORDERS

SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

[WWW.GENUINBIOTECH.COM](http://WWW.GENUINBIOTECH.COM)