

## Catalog #: 5277

### Aliases

PNP; Purine Nucleoside Phosphorylase; PUNP; NP; Inosine-Guanosine Phosphorylase; Inosine Phosphorylase; EC 2.4.2.1; Epididymis Secretory Sperm Binding Protein Li 156an; Purine-Nucleoside:Orthophosphate Ribosyltransferase; Nucleoside Phosphorylase; HEL-S-156an; PRO1837

### Background

Gene Name: PNP

NCBI Gene Entry: [4860](#)

UniProt Entry: [P00491](#)

### Application Information

Molecular Weight: Predicted, 32 kDa; observed, 29 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB710

Species Reactivity: Human

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

### Immunogen

Recombinant protein of human PNP

### 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

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

### Validation Data

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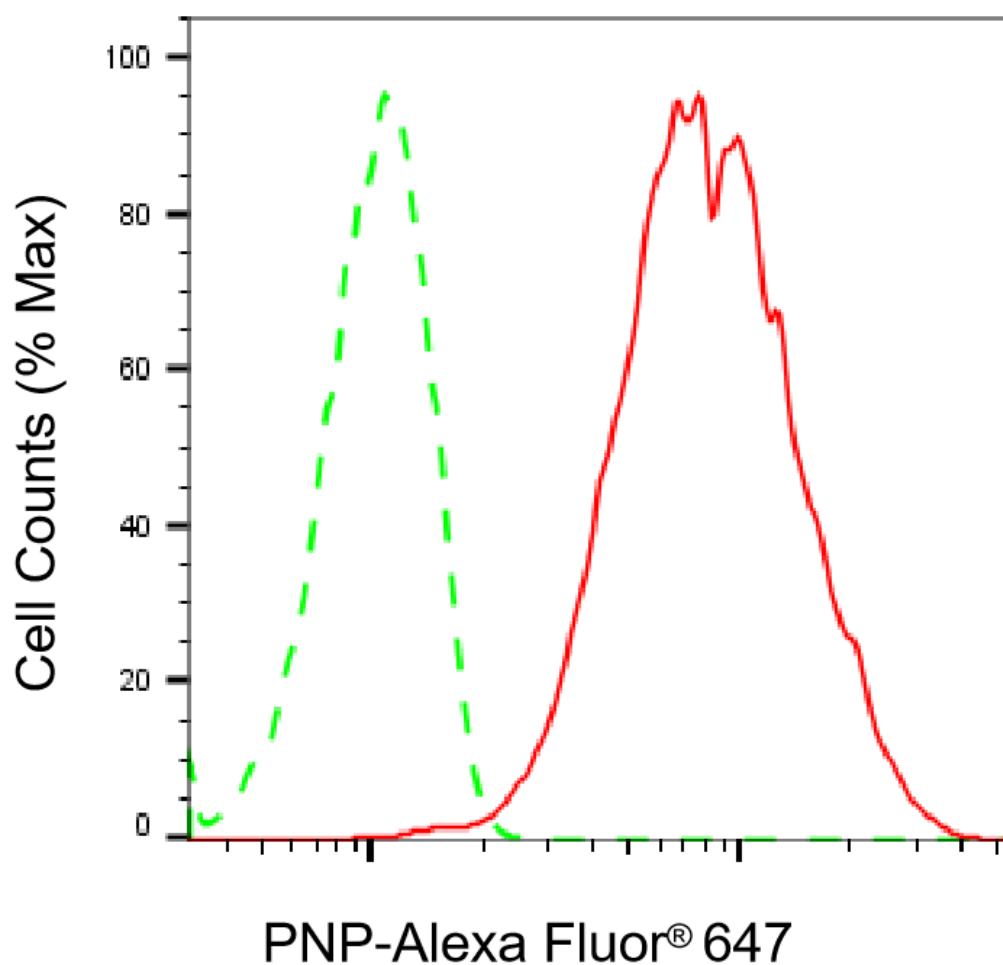
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Flow cytometric analysis of PNP expression in HepG2 cells using anti-PNP antibody (Cat#5227, 1:2,000). Green, isotype control; red, PNP.

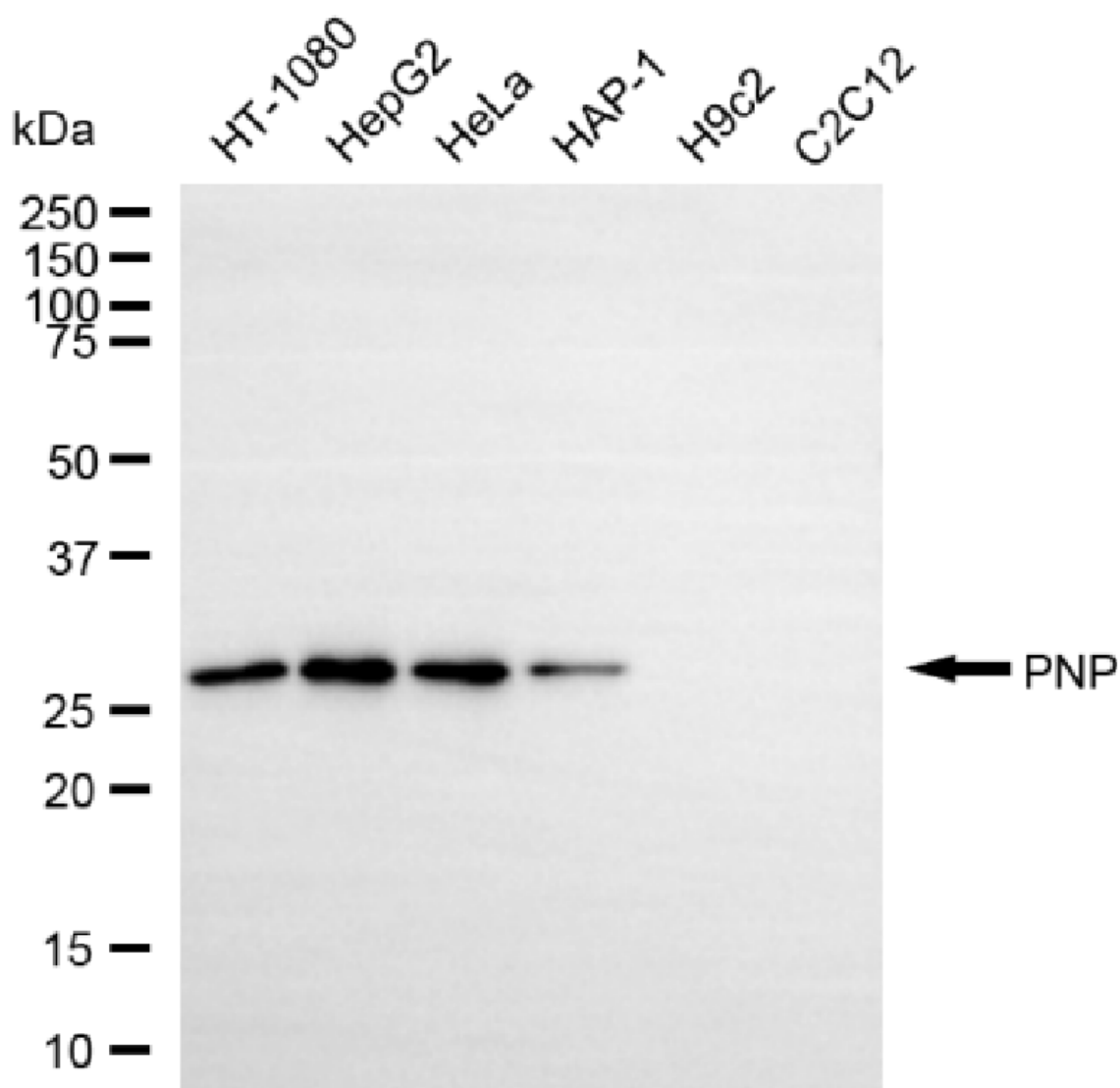
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Western blotting analysis using anti-PNP antibody (Cat#5277). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PNP antibody (Cat#5277, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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