

## Catalog #: 5302

## Aliases

PTPN9; Protein Tyrosine Phosphatase Non-Receptor Type 9; MEG2; Tyrosine-Protein Phosphatase Non-Receptor Type 9; Protein-Tyrosine Phosphatase MEG2; EC 3.1.3.48; PTPase-MEG2; PTPase MEG2; PTPMEG2

## Background

Gene Name: PTPN9

NCBI Gene Entry: [5780](#)

UniProt Entry: [P43378](#)

## Application Information

Molecular Weight: Predicted, 68 kDa; observed, 65 kDa

Clonality: Mouse oligoclonal antibody

Species Reactivity: Human, mouse, rat

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

## Immunogen

Recombinant protein of human PTPN9

## Isotype

Mouse IgG

## 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): 1:200-1:1,000

Flow Cytometry (FCM): 1:2,000

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

## Validation Data

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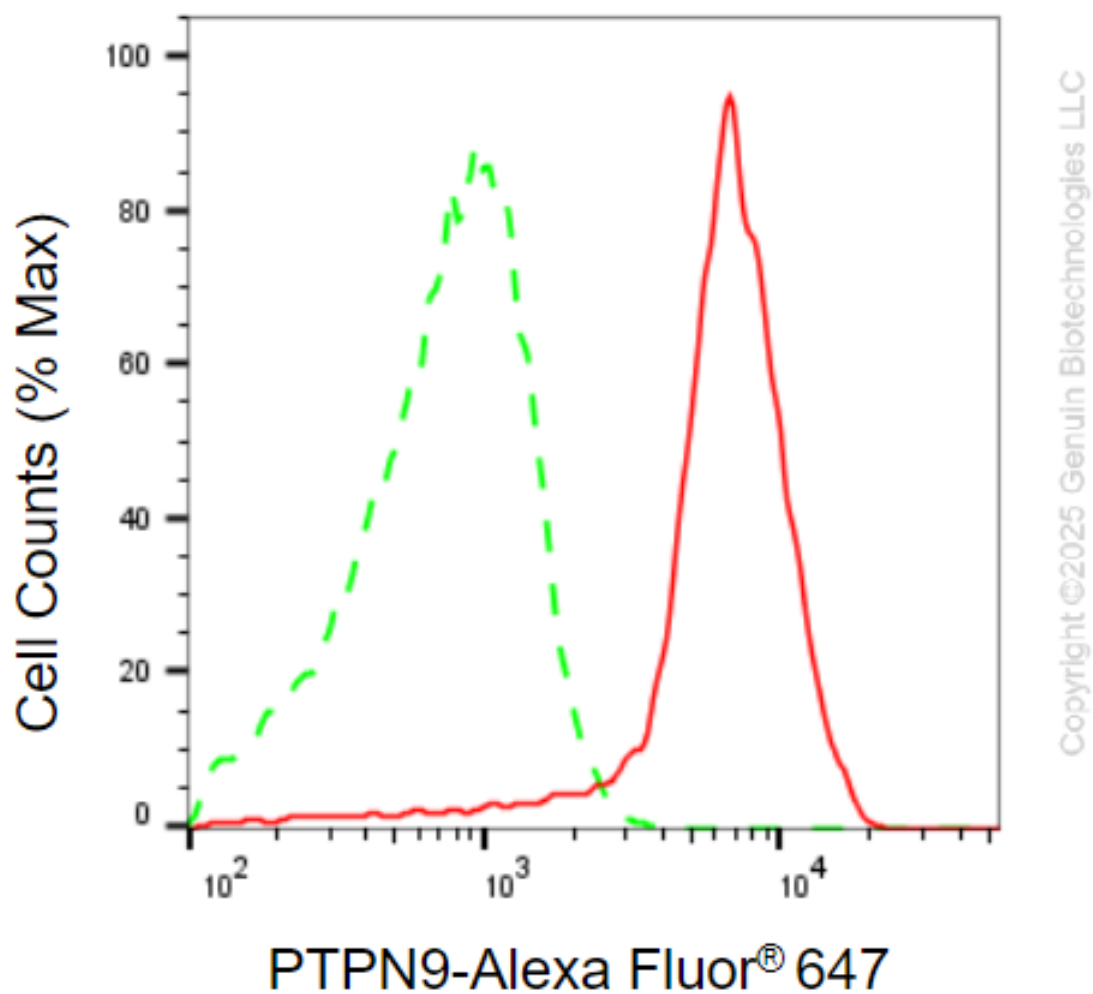
### SUPPORT

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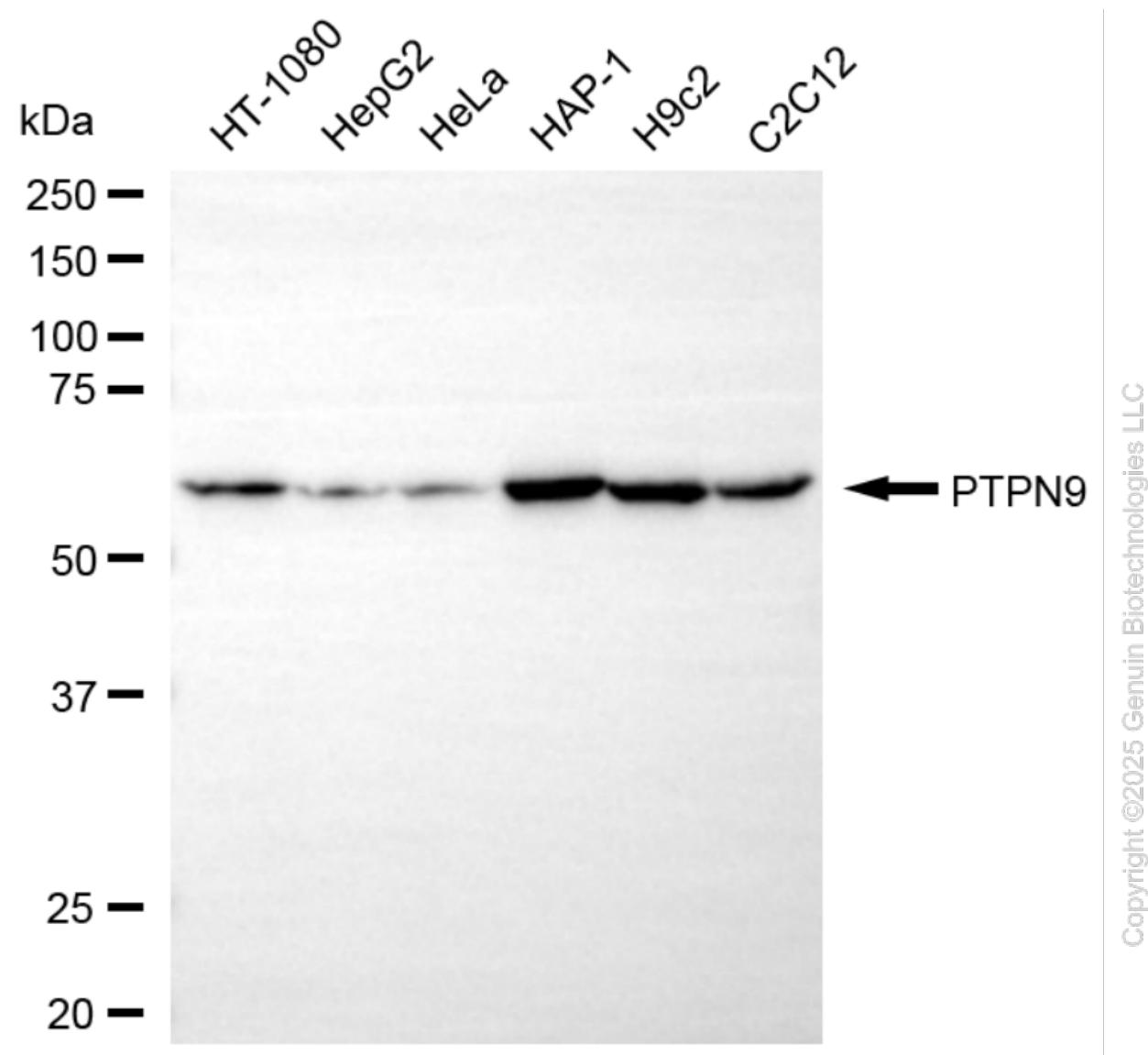
### ORDERS

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Flow cytometric analysis of PTPN9 expression in HAP-1 cells using anti-PTPN9 antibody (Cat#5302, 1:2,000). Green, isotype control; red, PTPN9.



Western blotting analysis using anti-PTPN9 antibody (Cat#5302). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PTPN9 antibody (Cat#5302, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).