

# Anti-Protein Tyrosine Kinase 2 Recombinant Rabbit Monoclonal Antibody



**Catalog #: 2925**

## Aliases

PTK2; Protein Tyrosine Kinase 2; PPP1R7; FAK; FAK; FADK; Protein Phosphatase 1 Regulatory Subunit 71; Focal Adhesion Kinase-Related Nonkinase; PTK2 Protein Tyrosine Kinase 2; Focal Adhesion Kinase 1; EC 2.7.10.2; Pp125FAK; P125FAK; FADK 1; FRNK; Protein Phosphatase 1, Regulatory Subunit 71; FAK-Related Non-Kinase Polypeptide; Protein-Tyrosine Kinase 2; EC 2.7.10

## Background

Gene Name: PTK2

NCBI Gene Entry: [5747](#)

UniProt Entry: [Q05397](#)

## Application Information

Molecular Weight: Predicted, 119 kDa; observed, 119 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB3200

Species Reactivity: Human, mouse, rat

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

## Immunogen

A synthesized peptide derived from human FAK

## Isotype

Rabbit 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): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

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### SUPPORT

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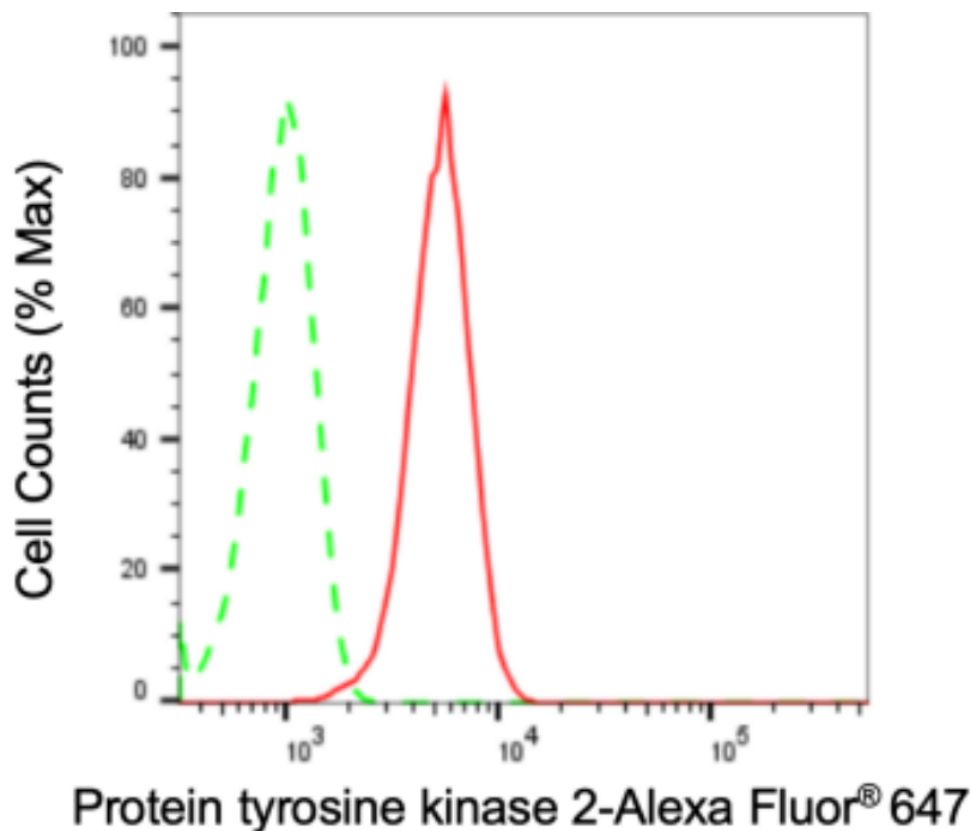
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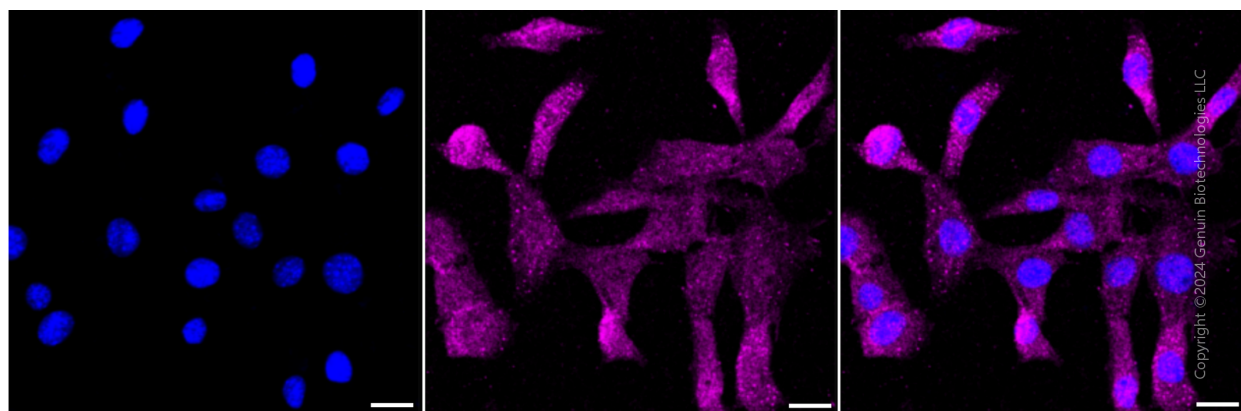
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**Note:** This product is for research use only.

## Validation Data



Flow cytometric analysis of Protein tyrosine kinase 2 expression in C2C12 cells using anti-Protein tyrosine kinase 2 antibody (Cat#2925, 1:2,000). Green, isotype control; red, Protein tyrosine kinase 2.



Immunocytochemical staining of C2C12 cells with anti-Protein tyrosine kinase 2 antibody (Cat#2925, 1:1,000). Nuclei were stained blue with DAPI; Protein tyrosine kinase 2 was stained magenta with Alexa Fluor® 647. Images were taken using leica stellaris 5. Protein abundance based on laser intensity and smart gain: Medium. Scale bar: 20 µm.

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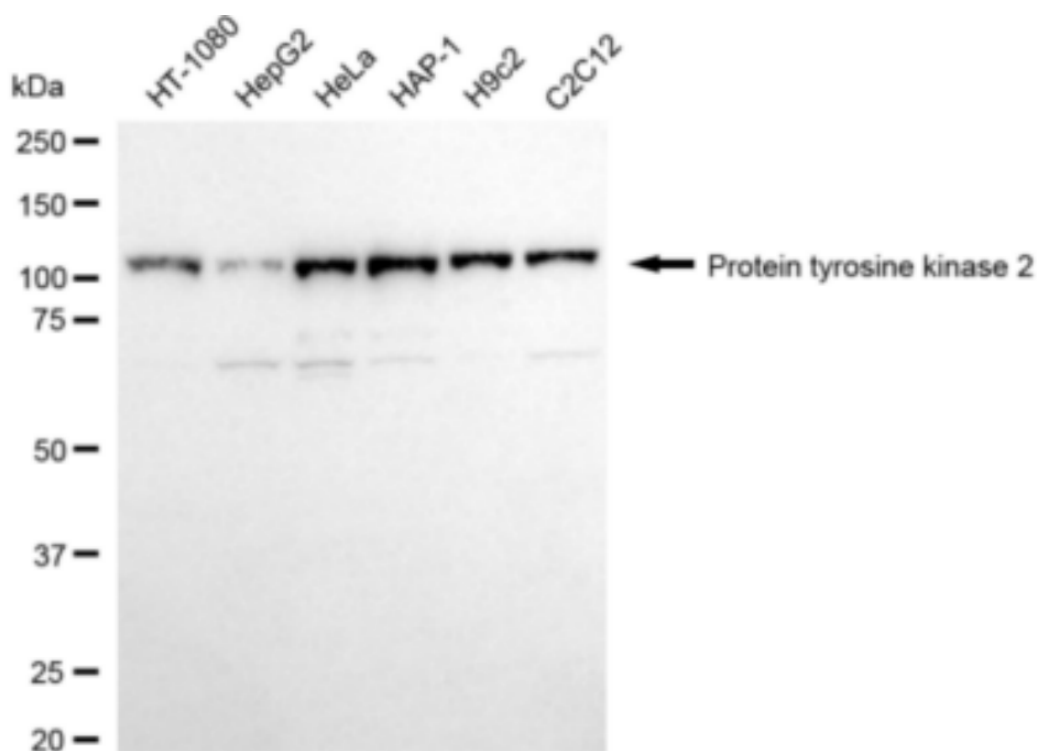
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Western blotting analysis using anti-Protein tyrosine kinase 2 antibody (Cat#2925). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Protein tyrosine kinase 2 antibody (Cat#2925, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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