

Anti-Phospho-FAK (Y397) Recombinant Rabbit Monoclonal Antibody



Catalog #: 3344

Aliases

PTK2; Protein Tyrosine Kinase 2; PPP1R71; FAK1; 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; FRNK; Protein Phosphatase 1, Regulatory Subunit 71; FAK-Related Non-Kinase Polypeptide; Protein-Tyrosine Kinase; 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: 24GB5215

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human Phospho-FAK (Y397)

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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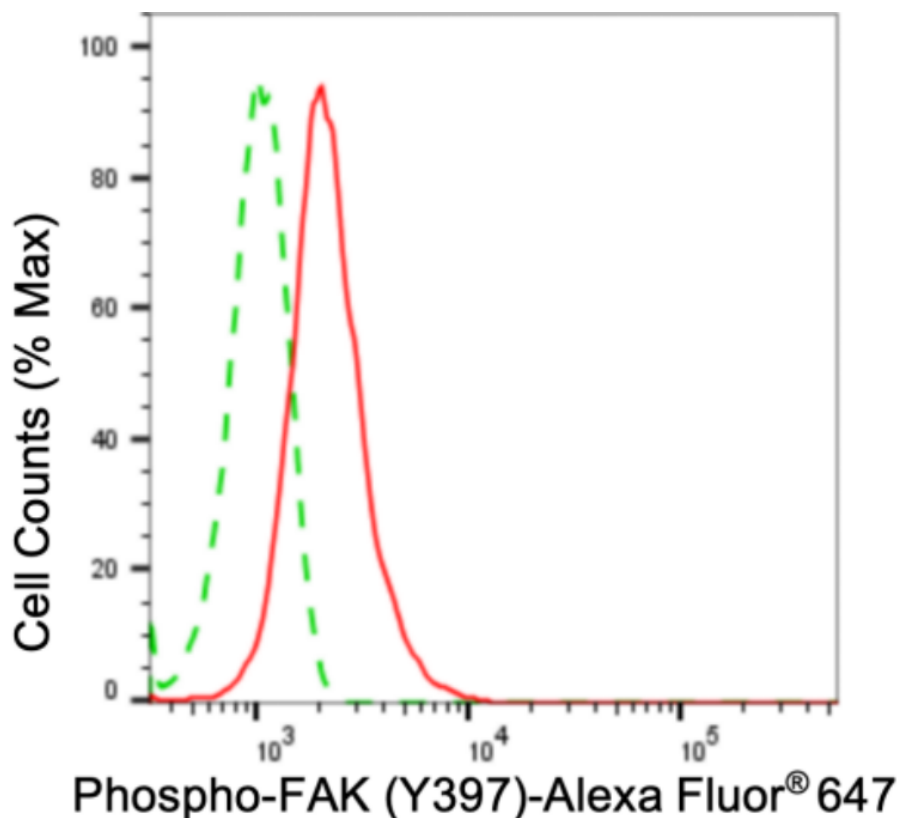
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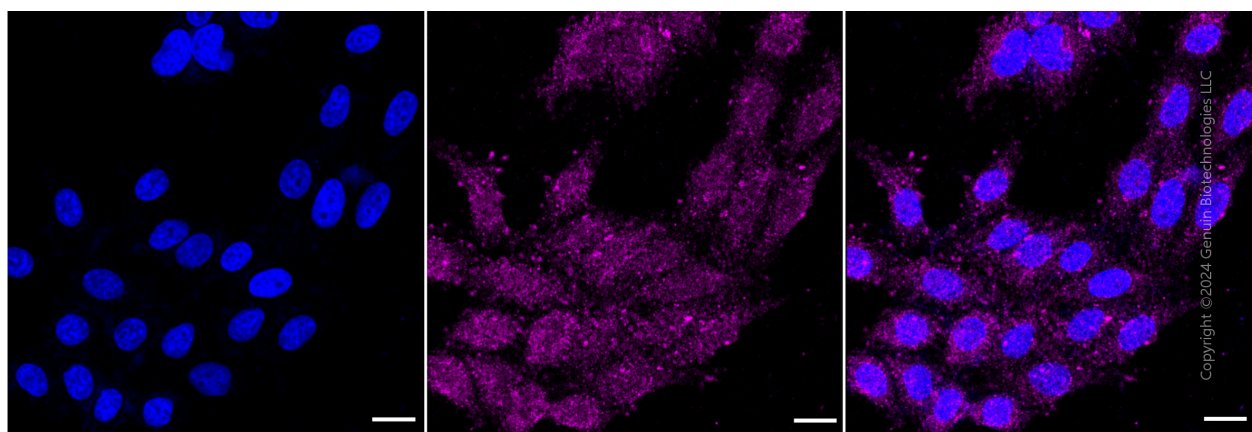
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Validation Data



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Flow cytometric analysis of phospho-FAK (Y397) expression in HepG2 cells using anti-phospho-FAK (Y397) antibody (Cat#3344, 1:2,000). Green, isotype control; red, phospho-FAK (Y397).



Immunocytochemical staining of HepG2 cells with anti-phospho-FAK (Y397) antibody (Cat#3344, 1:1,000). Nuclei were stained blue with DAPI; Phospho-FAK (Y397) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar: 20 μ m.

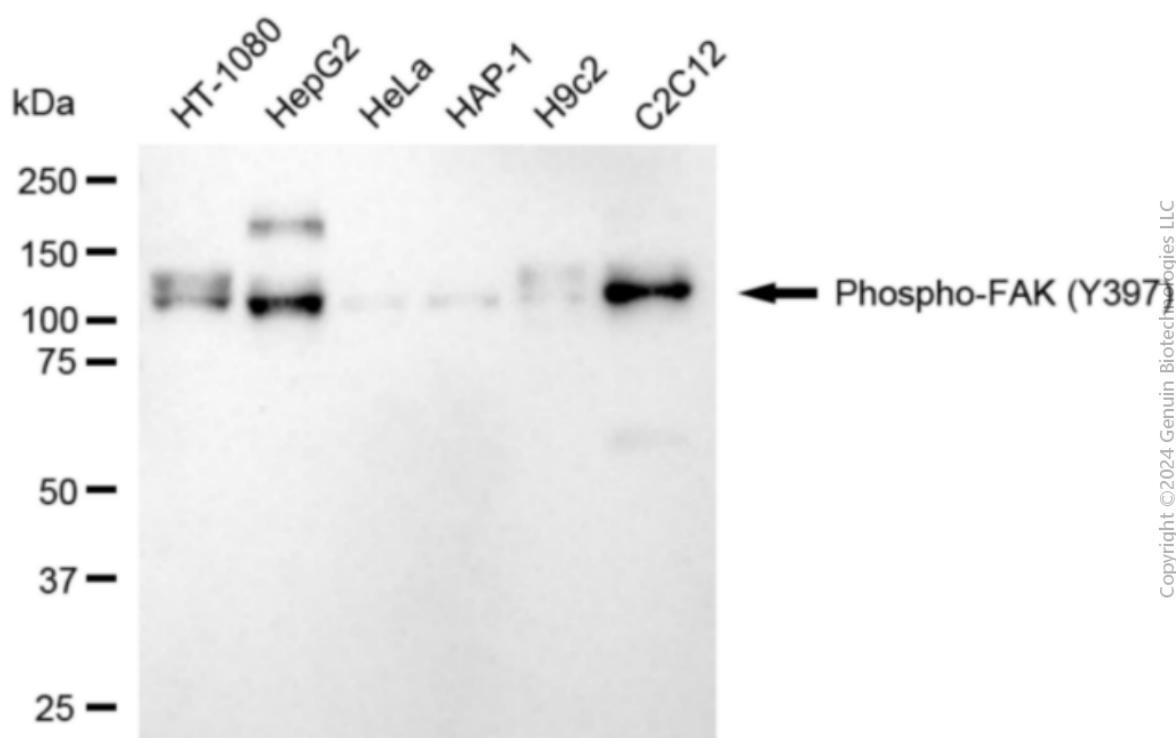
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Western blotting analysis using anti-phospho-FAK (Y397) antibody (Cat#3344). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-phospho-FAK (Y397) antibody (Cat#3344, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).