

# Anti-Phospho-PAK4 + PAK5 + PAK6 (S474 + S560 + S602) Recombinant Rabbit Monoclonal



## Catalog #: 2355

### Aliases

P21 (RAC1) Activated Kinase 4; P21 Protein (Cdc42/Rac)-Activated Kinase 4; Serine/Threonine-Protein Kinase PAK 4; P21(CDKN1A)-Activated Kinase 4; EC 2.7.11.1; Protein Kinase Related To S. Cerevisiae STE20, Effector For Cdc42Hs; P21-Activated Kinase 4; EC 2.7.11; KIAA1142; PAK-4; P21 (RAC1) Activated Kinase 5; KIAA1264; PAK7; P21 Protein (Cdc42/Rac)-Activated Kinase 7; Serine/Threonine-Protein Kinase PAK 5; P21(CDKN1A)-Activated Kinase 7; P21 (RAC1) Activated Kinase 7; P21-Activated Kinase 5; P21-Activated Kinase 7; EC 2.7.11.1; PAK-5; PAK-7; Serine/Threonine-Protein Kinase PAK 7; Serine/Threonine-Protein Kinase PAK7; P21CDKN1A-Activated Kinase 7; Protein Kinase PAK5; EC 2.7.11; P21 (RAC1) Activated Kinase 6; PAK5; P21 Protein (Cdc42/Rac)-Activated Kinase 6; Serine/Threonine-Protein Kinase PAK 6; P21(CDKN1A)-Activated Kinase 6; EC 2.7.11.1; P21-Activated Kinase 6; EC 2.7.11; PAK-5; PAK-6

### Background

Gene Name: PAK4/PAK5/PAK6

NCBI Gene Entry: [10298/57144/56924](#)

UniProt Entry: [O96013/Q9P286/Q9NQU5](#)

### Application Information

Molecular Weight: Predicted, 64,80,75 kDa; observed, 64 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB445

Species Reactivity: Human, mouse, rat

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

### Immunogen

A synthesized peptide derived from human Phospho-PAK4 + PAK5 + PAK6 (S474 + S560 + S602)

### Isotype

Rabbit IgG

### Storage Buffer

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

### Storage

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Store at -20 °C for one year.

### Recommended Dilutions

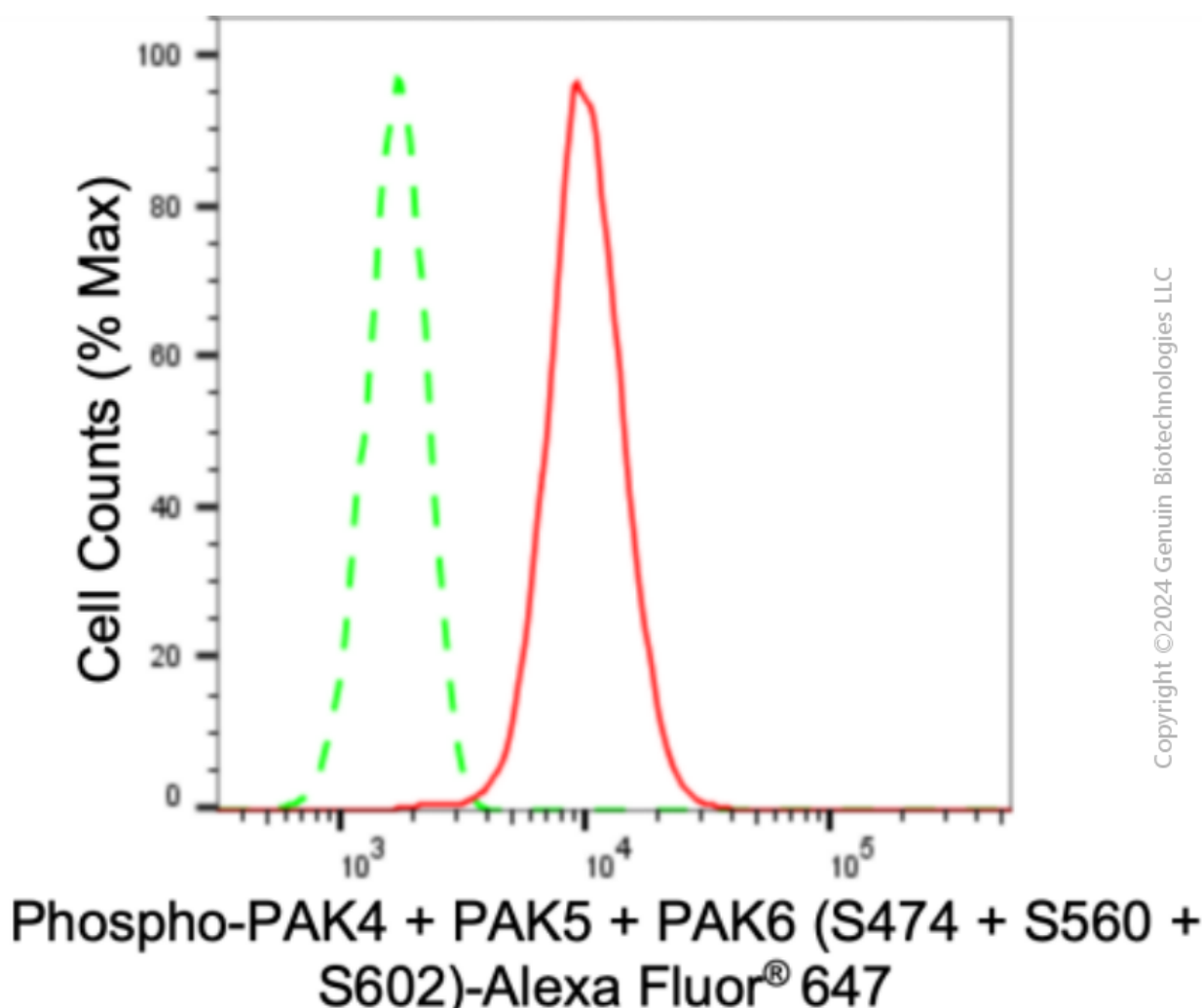
Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

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

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

### Validation Data



Flow cytometric analysis of Phospho-PAK4 + PAK5 + PAK6 (S474 + S560 + S602) expression in H9c2 cells using Phospho-PAK4 + PAK5 + PAK6 (S474 + S560 + S602) antibody (Cat#2355, 1:2,000). Green, isotype control; red, Phospho-PAK4 + PAK5 + PAK6 (S474 + S560 + S602).

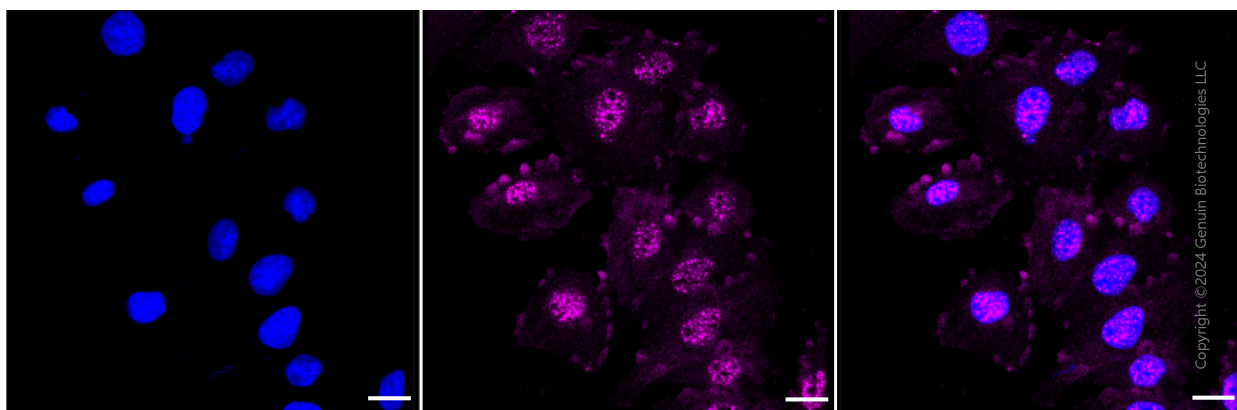
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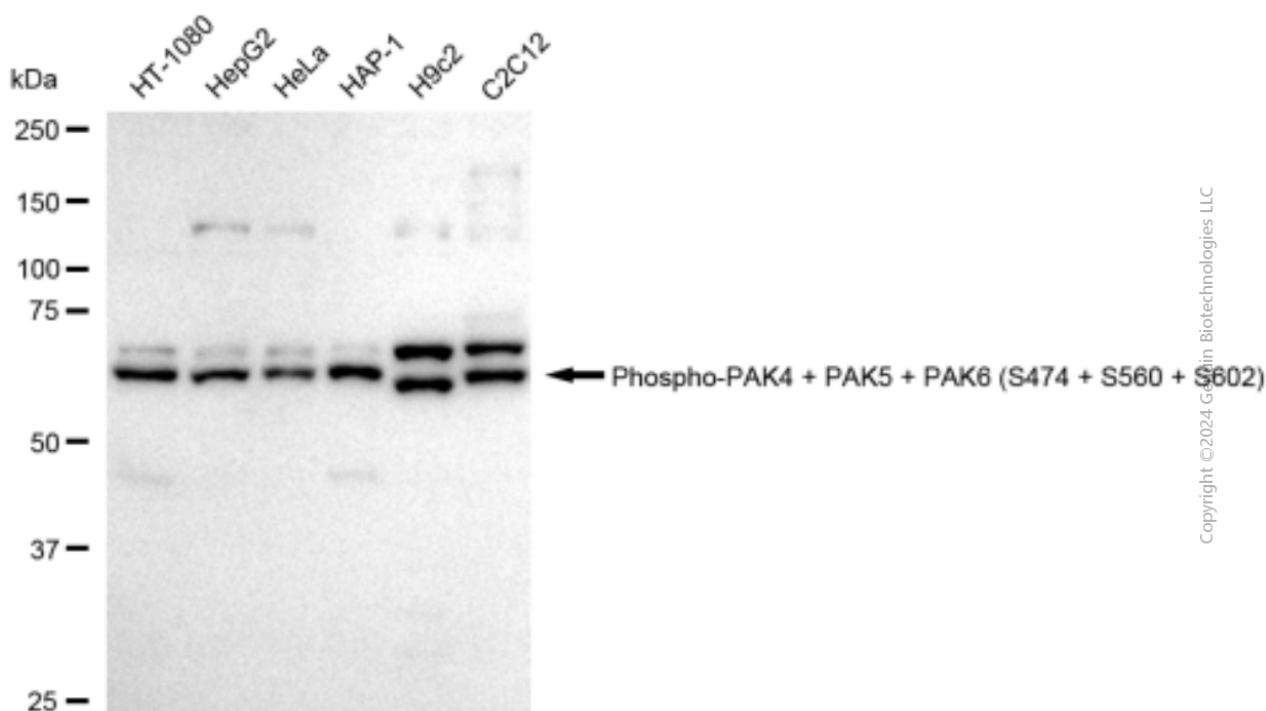
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Immunocytochemical staining of H9C2 cells with anti-Phospho-PAK4 + PAK5 + PAK6 (S474 + S560 + S602) antibody (Cat#2355, 1:1,000). Nuclei were stained blue with DAPI; Phospho-PAK4 + PAK5 + PAK6 (S474 + S560 + S602) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20  $\mu$ m.



Western blotting analysis using anti-Phospho-PAK4 + PAK5 + PAK6 (S474 + S560 + S602) antibody (Cat#2355). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Phospho-PAK4 + PAK5 + PAK6 (S474 + S560 + S602) antibody (Cat#2355, 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).