

Anti-Phospho-PBK/TOPK (Thr9) Recombinant Rabbit Monoclonal Antibody



Catalog #: 4433

Aliases

PBK; PDZ Binding Kinase; TOPK; CT84; SPK; T-LAK Cell-Originated Protein Kinase; Cancer/ Testis Antigen 84; Nori-3; Lymphokine-Activated Killer T-Cell-Originated Protein Kinase; Spermatogenesis-Related Protein Kinase; MAPKK-Like Protein Kinase; FLJ14385; Serine/ Threonine Protein Kinase; Epididymis Luminal Protein 164; PDZ-Binding Kinase; EC 2.7.12.2; HEL164; NORI-3

Background

Gene Name: PBK

NCBI Gene Entry: [55872](#)

UniProt Entry: [Q96KB5](#)

Application Information

Molecular Weight: Predicted, 36 kDa; observed, 40 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB11195

Species Reactivity: Human

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

Immunogen

A synthesized peptide derived from human Phospho-PBK/TOPK (Thr9)

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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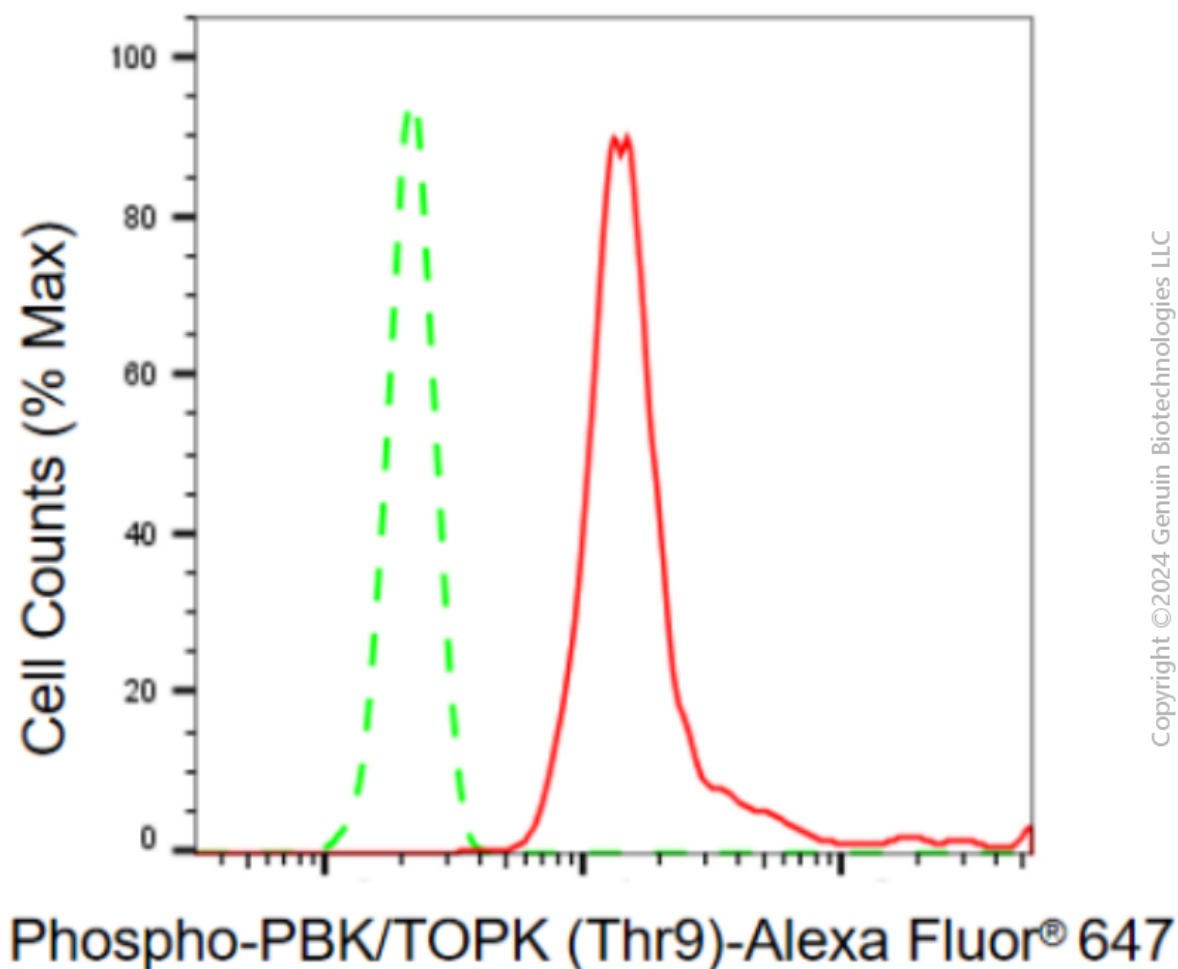
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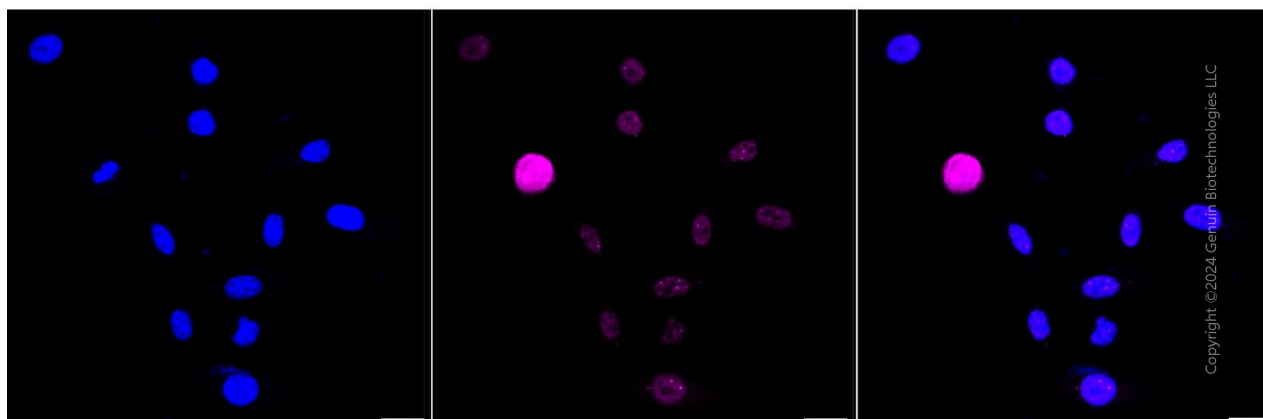
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Note: This product is for research use only.

Validation Data



Flow cytometric analysis of phospho-PBK/TOPK (Thr9) expression in HepG2 cells using anti-phospho-PBK/TOPK (Thr9) antibody (Cat#4433, 1:2,000). Green, isotype control; red, phospho-PBK/TOPK (Thr9).



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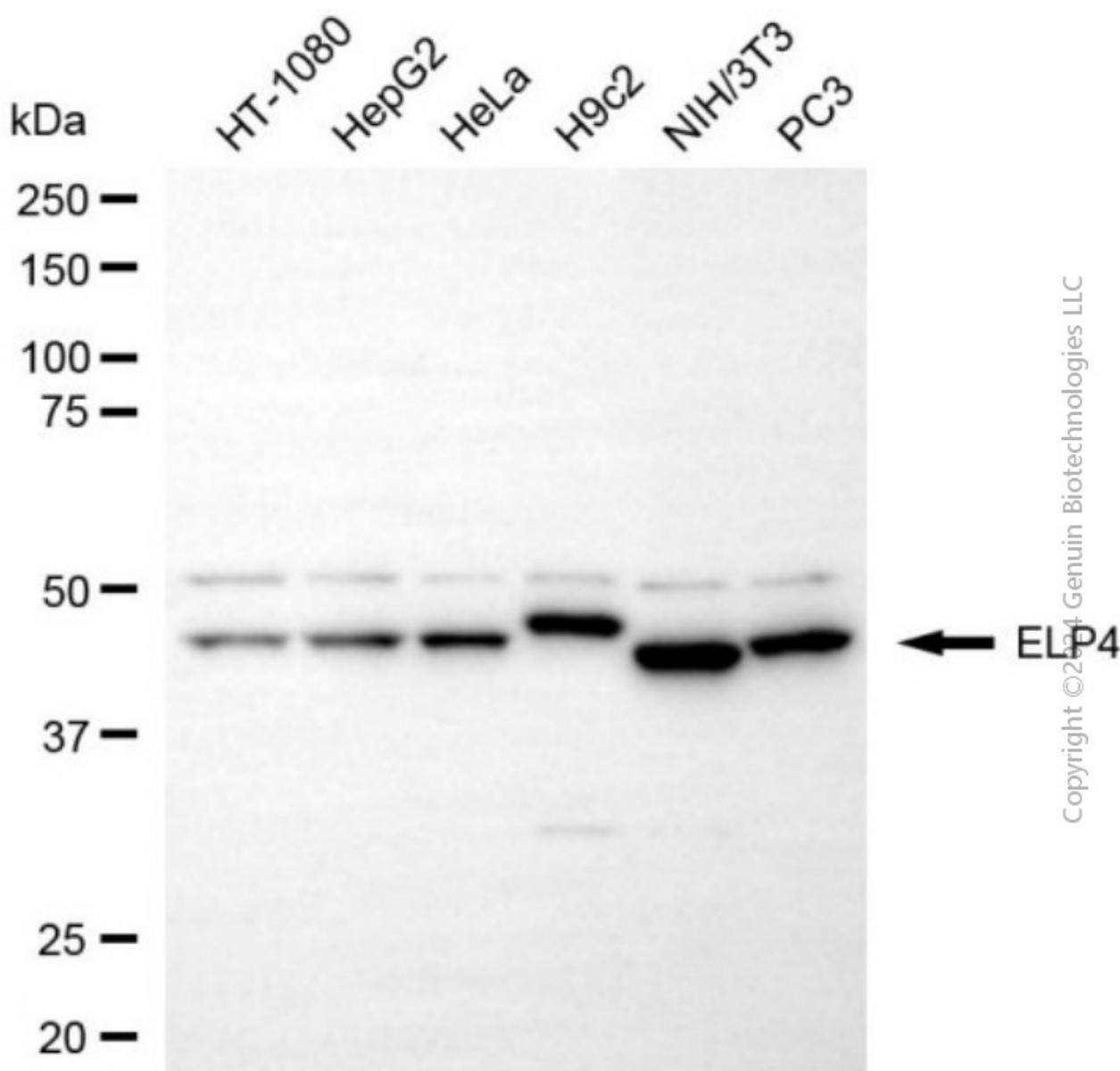
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Immunocytochemical staining of Hela cells with anti-Phospho-PBK/TOPK (Thr9) antibody (Cat#4433, 1:1,000). Nuclei were stained blue with DAPI; Phospho-PBK/TOPK (Thr9) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar, 20 μ m.



Western blotting analysis using anti-phospho-PBK/TOPK (Thr9) antibody (Cat#4433). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-phospho-PBK/TOPK (Thr9) antibody (Cat#4433, 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).

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