

KD-Validated Anti-VRK1 Mouse Monoclonal Antibody



Catalog #: 65871

Aliases

VRK1; VRK Serine/Threonine Kinase 1; Serine/Threonine-Protein Kinase VRK1; Vaccinia Related Kinase 1; EC 2.7.11.1; Vaccinia Virus B1R-Related Kinase 1; Vaccinia-Related Kinase 1; HMNR10; PCH1A; PCH1

Background

Gene Name: VRK1

NCBI Gene Entry: [7443](#)

UniProt Entry: [Q99986](#)

Application Information

Molecular Weight: Predicted, 45 kDa, observed, 48 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB5590

Species Reactivity: Human

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

Immunogen

Recombinant protein of human VRK1

Isotype

Mouse IgG1

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): 1:500-1:2,500

Flow Cytometry (FCM): 1:2,000

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

Note: This product is for research use only.

SUPPORT

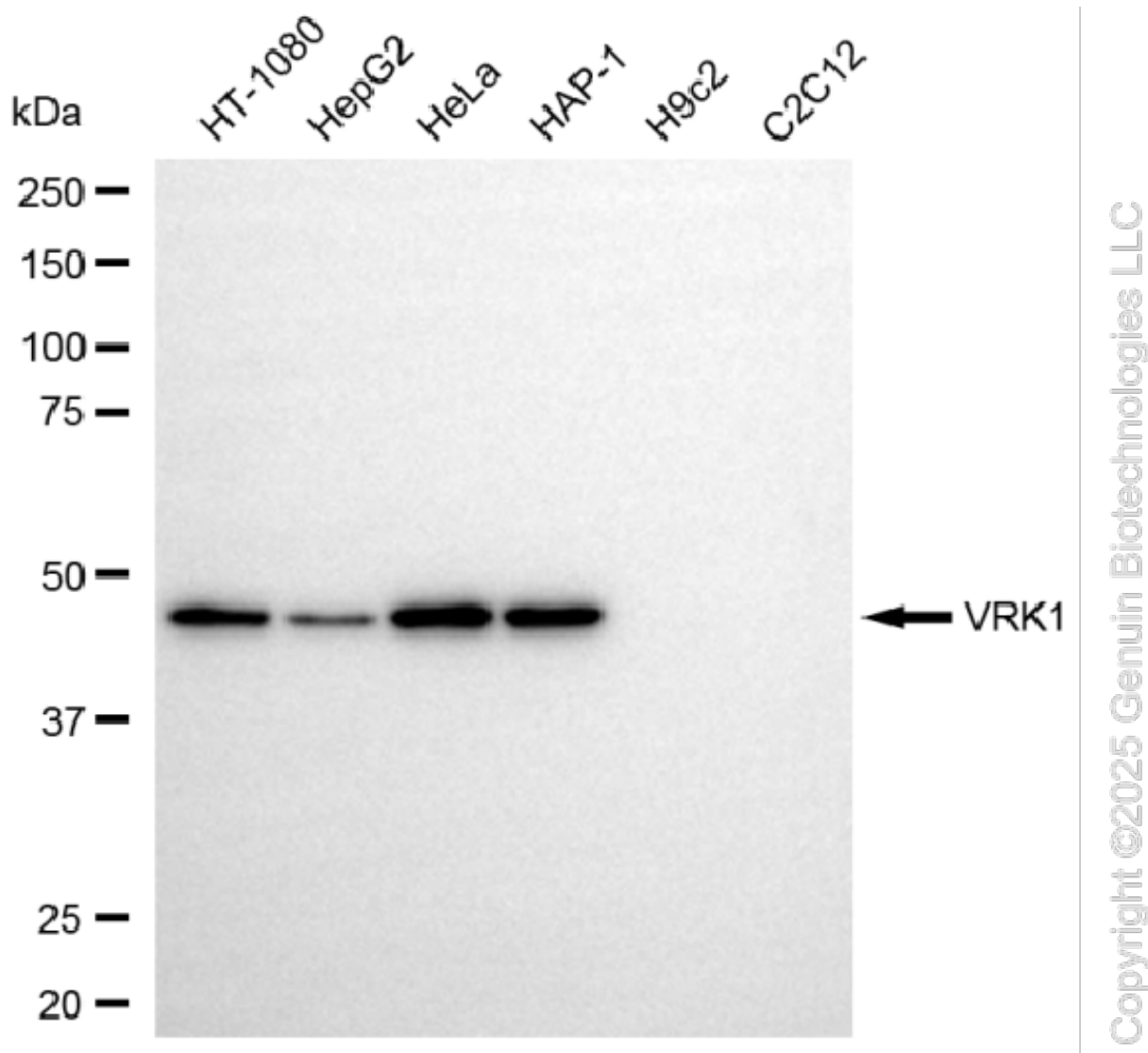
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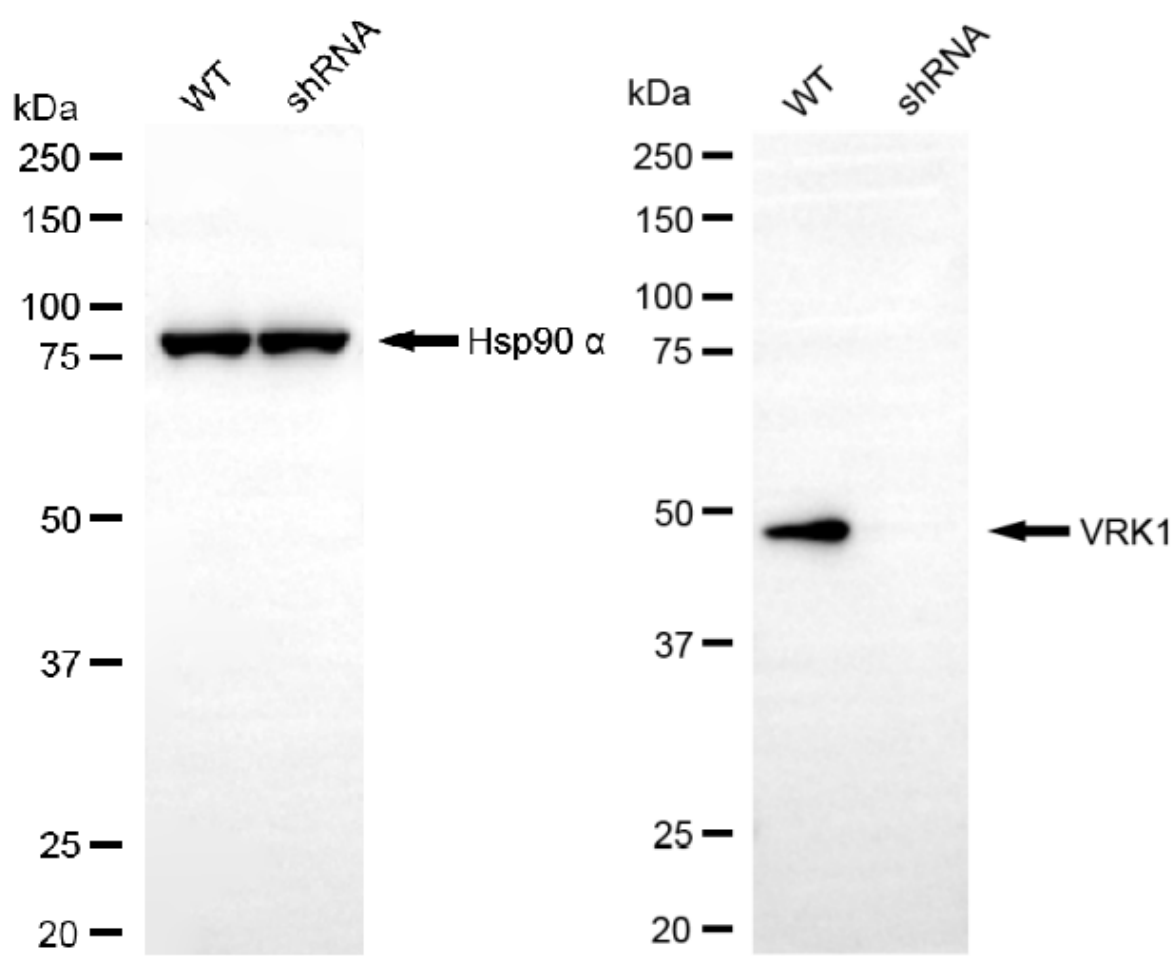
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Validation Data

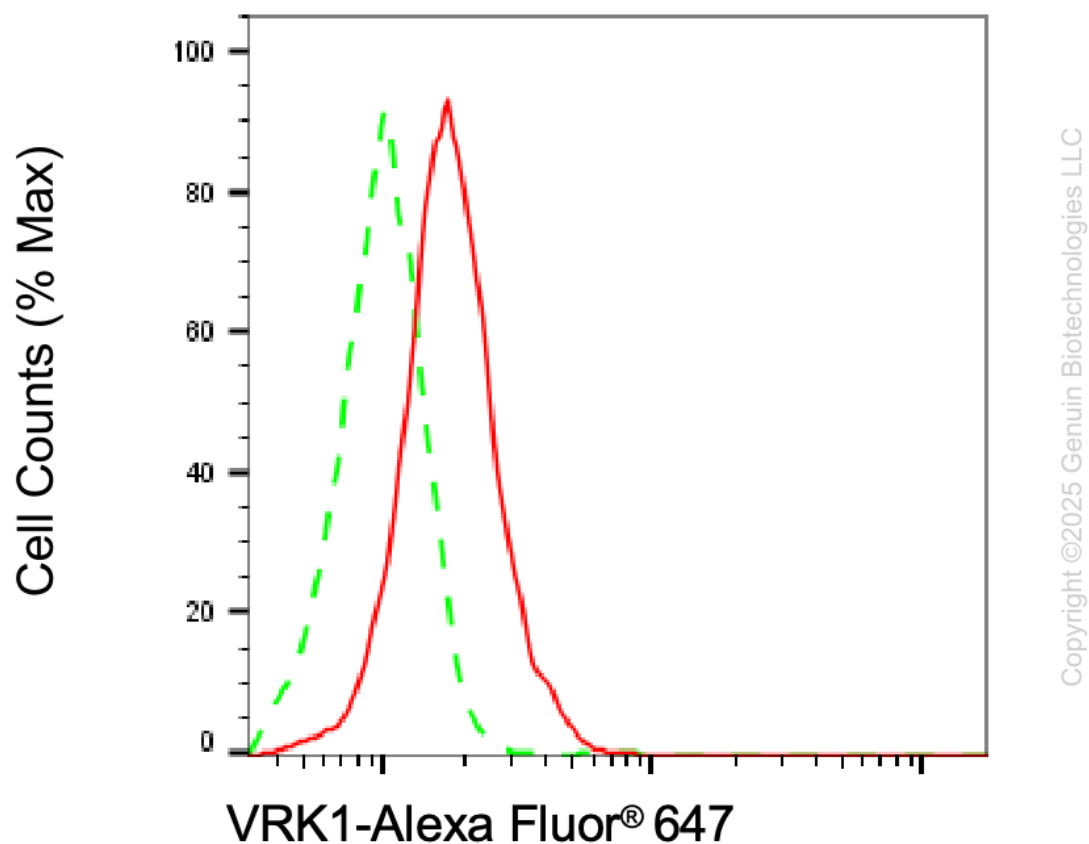


Western blotting analysis using anti-VRK1 antibody (Cat#65871). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-VRK1 antibody (Cat#65871, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



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Western blotting analysis using anti-VRK1 antibody (Cat#65871). VRK1 expression in wild-type (WT) and VRK1 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-VRK1 antibody (Cat#65871, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



Flow cytometric analysis of VRK1 expression in HAP-1 cells using anti-VRK1 antibody (Cat#65871, 1:2,000). Green, isotype control; red, VRK1.