9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-Hexokinase 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2361

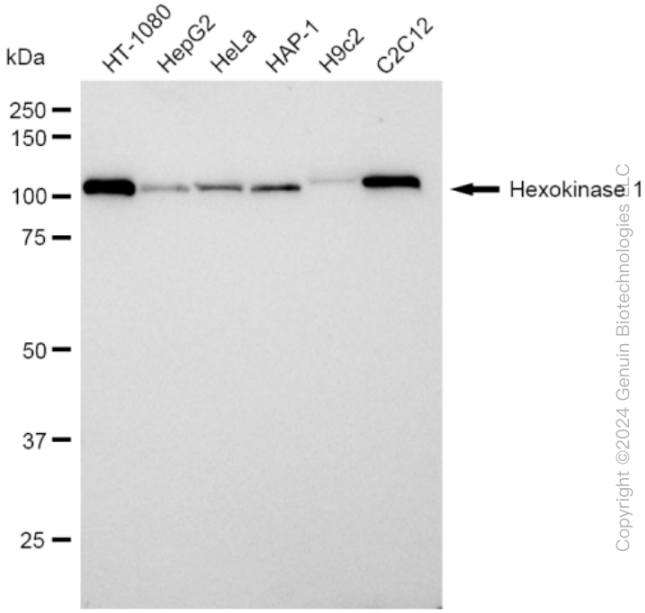
Product Overview

Name	KD-Validated Anti-Hexokinase 1 Rabbit Monoclonal Antibody
Accession(Primary)	P19367
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Hexokinase 1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 102 kDa, observed, 102 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Immunocytochemical (IC): 1:1,000 Flow Cytometry (FCM): 1:2,000

Target information (P19367)

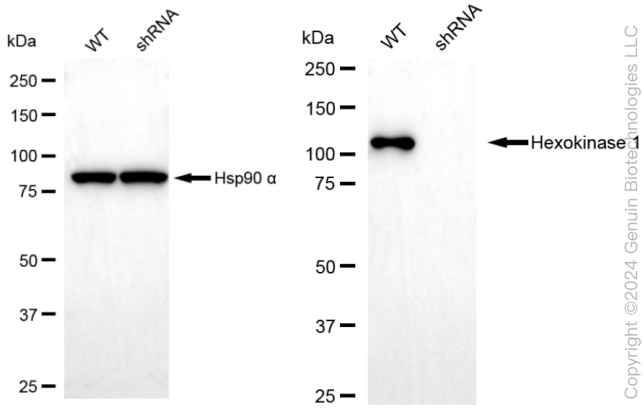
Gene Name	HK1
About Gene Symbol	HK1 (Brain Form Hexokinase) is a protein kinase and signaling regulator involved in cellular metabolism. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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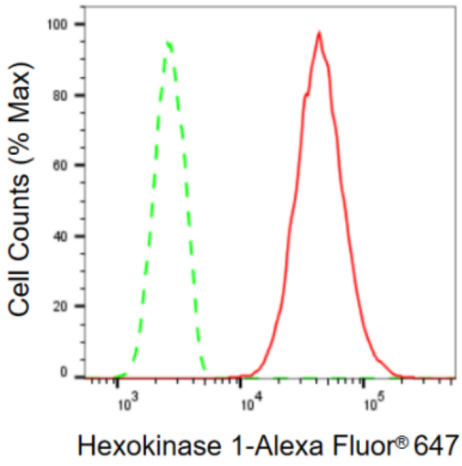
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Western blotting analysis using anti-Hexokinase 1 antibody (Cat#ABG2361). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Hexokinase 1 antibody (Cat#ABG2361, 1:5,000) and HRP-conjugated goat anti rabbit secondary antibody respectively.



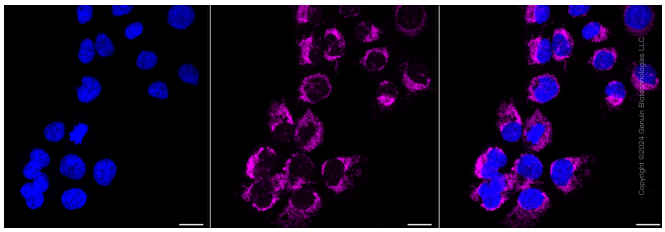
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Western blotting analysis using anti-Hexokinase 1 antibody (Cat#ABG2361). Hexokinase 1 expression in wild type (WT) and Hexokinase 1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Hexokinase 1 antibody (Cat#ABG2361,1:5,000) and HRP-conjugated goat anti rabbit secondary antibody respectively.



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Flow cytometric analysis of Hexokinase 1 expression in HT-1080 cells using Hexokinase 1 antibody (Cat#ABG2361,1:2,000). Green, isotype control; red, Hexokinase 1



Immunocytochemical staining of HT-1080 cells with Hexokinase 1 antibody (Cat#ABG2361, 1:1,000). Nuclei were stained blue with DAPI; Hexokinase 1 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.