9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Casein kinase 2 beta Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1219

Product Overview

Name	KD-Validated Anti-Casein kinase 2 beta Rabbit Monoclonal Antibody
Accession(Primary)	P67870
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Casein Kinase 2 beta
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 25 kDa , observed, 25 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 immunocytochemistry (IC): 1:100-1:1,000

Target information (P67870)

Gene Name	CSNK2B
About Gene Symbol	CSNK2B (Casein Kinase 2 Beta) is a protein kinase and signaling regulator involved in cell signaling and proliferation. 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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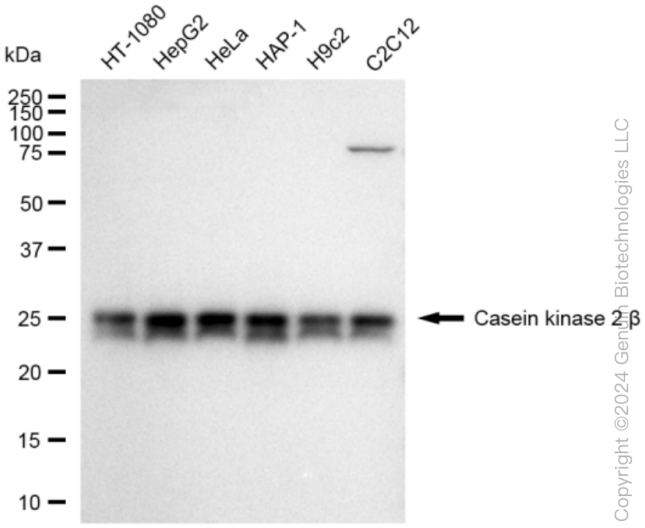

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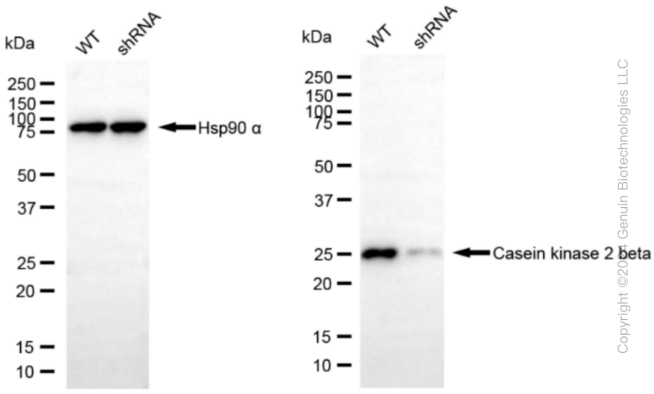
Western blotting analysis using anti-Casein kinase 2 beta antibody (Cat#ABG1219). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Casein kinase 2 beta antibody (Cat#ABG1219, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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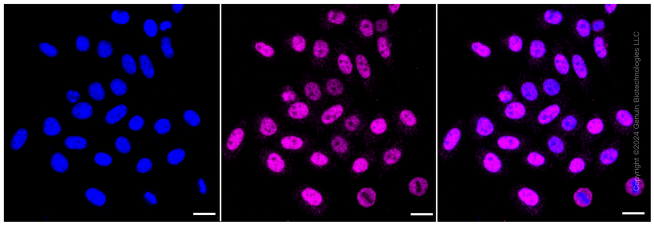
Western blotting analysis using anti-Casein kinase 2 beta antibody (Cat#ABG1219). Casein kinase 2 beta expression in wild type (WT) and Casein kinase 2 beta shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Casein kinase 2 beta antibody (Cat#ABG1219, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Immunocytochemical staining of HepG2 cells with Casein kinase 2 beta antibody (Cat#ABG1219, 1:1,000). Nuclei were stained blue with DAPI; Casein kinase 2 beta 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.