9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Phospho-PKC alpha (Thr638) Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1821

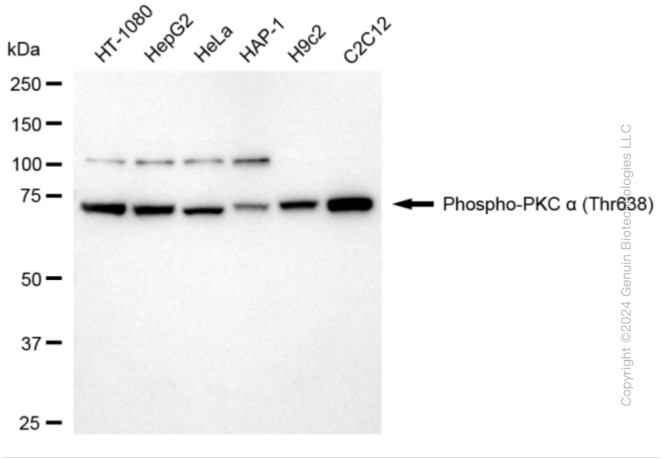
Product Overview

Name	KD-Validated Anti-Phospho-PKC alpha (Thr638) Rabbit Monoclonal Antibody
Accession(Primary)	P17252
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Phospho-PKC alpha (Thr638)
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 77 kDa, observed, 74 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 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:100-1:1,000

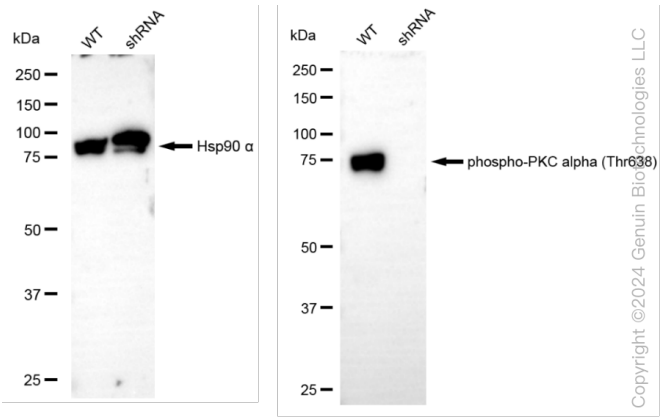
Target information (P17252)

Gene Name	PRKCA
About Gene Symbol	PRKCA (Protein Kinase C Alpha) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in aging research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

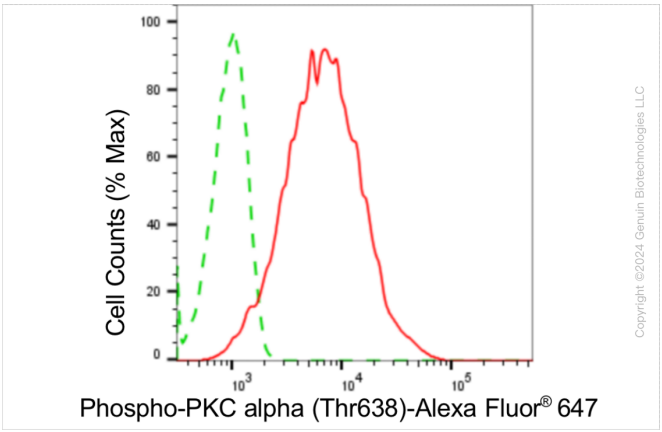
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Western blotting analysis using anti-phospho-PKC alpha (Thr638) antibody (Cat#ABG1821). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-phospho-PKC alpha (Thr638) antibody (Cat#ABG1821, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

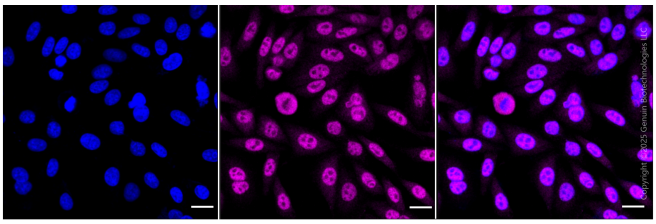


Western blotting analysis using anti-phospho-PKC alpha (Thr638) antibody (Cat#ABG1821). Phospho-PKC alpha (Thr638) expression in wild type (WT) and PRKCA shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-phospho-PKC alpha (Thr638) antibody (Cat#ABG1821, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of phospho-PKC alpha (Thr638) expression in HepG2 cells using anti-phospho-PKC alpha (Thr638) antibody (Cat#ABG1821, 1:2,000). Green, isotype control; red, phospho-PKC alpha (Thr638).

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Immunocytochemical staining of HepG2 cells with anti-phospho-PKC alpha (Thr638) antibody (Cat#ABG1821, 1:1,000). Nuclei were stained blue with DAPI; Phospho-PKC alpha (Thr638) 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.