

KD-Validated Anti-PKC alpha Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

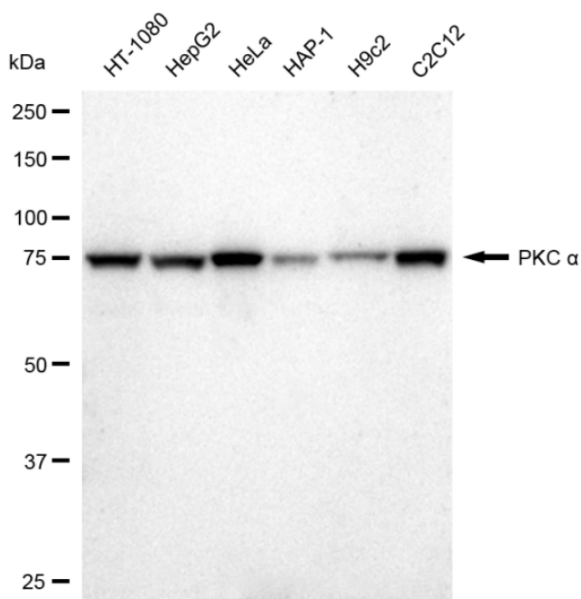
ABG2280

Product Overview

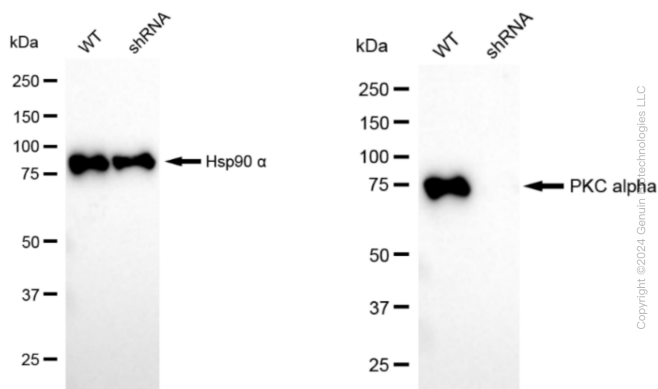
Name	KD-Validated Anti-PKC alpha Rabbit Monoclonal Antibody
Accession(Primary)	P17252
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human PKC alpha
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 77 kDa , observed, 75 kDa
Storage 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)

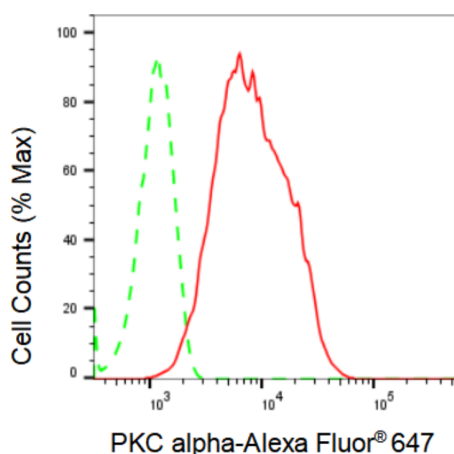
Gene Name	PRKCA
About Gene Symbol	PRKCA (Protein Kinase C Alpha) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in aging research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



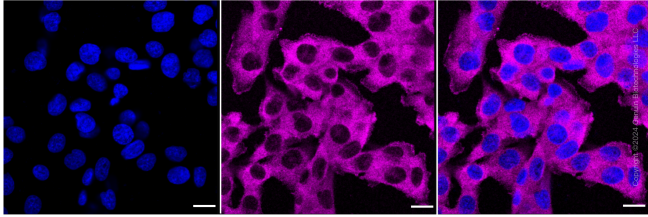
Western blotting analysis using anti-PKC alpha antibody (Cat#ABG2280). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PKC alpha antibody (Cat#ABG2280, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-PKC alpha antibody (Cat#ABG2280). PKC alpha expression in wild type (WT) and PKC alpha shRNA knockdown (KD) HT-1080 cells with 30 µg of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-PKC alpha antibody (Cat#ABG2280, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of PKC alpha expression in HepG2 cells using PKC alpha antibody (Cat#ABG2280, 1:2,000). Green, isotype control; red, PKC alpha



Immunocytochemical staining of HT-1080 cells with PKC alpha antibody (Cat#ABG2280, 1:1,000). Nuclei were stained blue with DAPI; PKC alpha 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 μ m.