

KD-Validated Anti-Proliferation-Associated 2G4 Rabbit

Rabbit monoclonal antibody

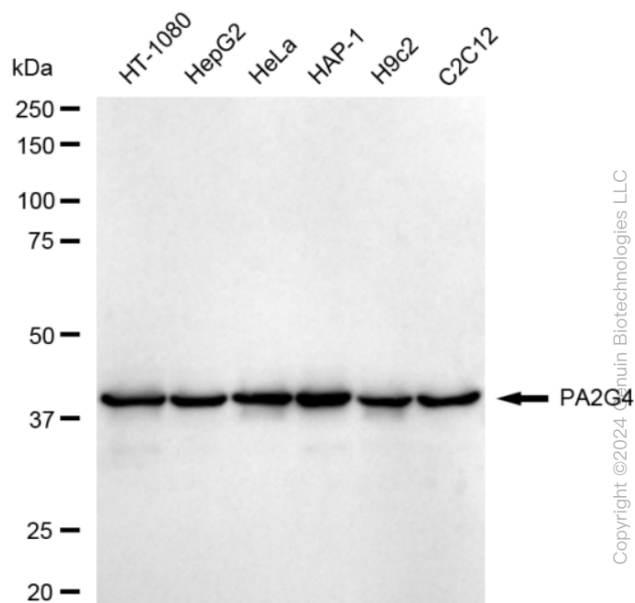
ABG1615

Product Overview

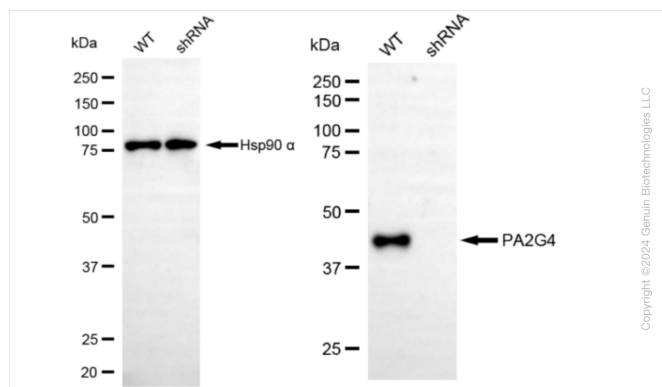
Name	KD-Validated Anti-Proliferation-Associated 2G4 Rabbit Monoclonal Antibody
Accession(Primary)	Q9UQ80
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human EBP1 / PA2G4
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 44 kDa , observed , 42 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 (Q9UQ80)

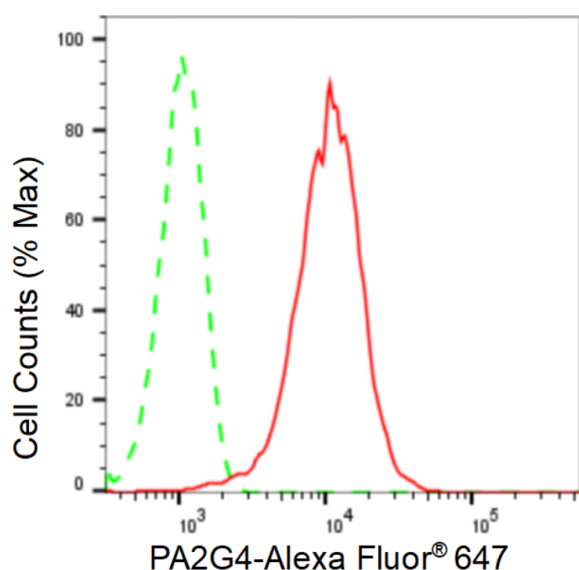
Gene Name	PA2G4
About Gene Symbol	PA2G4 (Proliferation-Associated 2G4) is a membrane receptor involved in cell cycle regulation. It is an important research target in cell signaling, drug discovery, and cancer research and is widely studied to elucidate cellular mechanisms and identify th



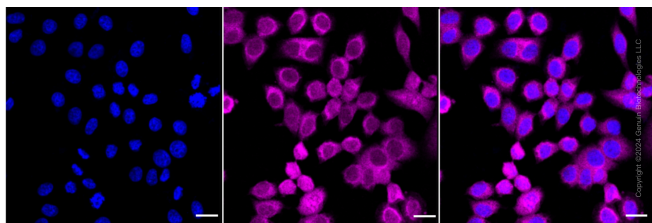
Western blotting analysis using anti-PA2G4 antibody (Cat#ABG1615). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PA2G4 antibody (Cat#ABG1615, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-PA2G4 antibody (Cat#ABG1615). PA2G4 expression in wild type (WT) and PA2G4 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-PA2G4 antibody (Cat#ABG1615, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of PA2G4 expression in HepG2 cells using PA2G4 antibody (Cat#ABG1615, 1:2,000). Green, isotype control; red, PA2G4.



Immunocytochemical staining of HepG2 cells with anti-PA2G4 antibody (Cat#ABG1615, 1:1,000).

Nuclei were stained blue with DAPI; PA2G4 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.