

KD-Validated Anti-IQGAP1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

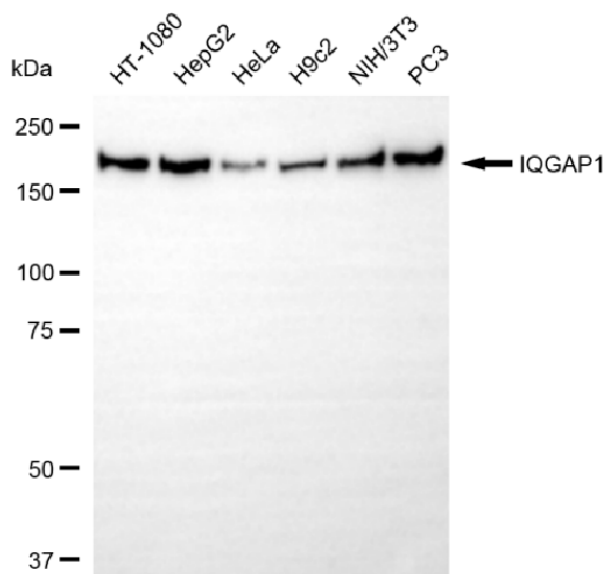
ABG1125

Product Overview

Name	KD-Validated Anti-IQGAP1 Rabbit Monoclonal Antibody
Accession(Primary)	P46940
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human IQGAP1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 189 kDa; observed, 195 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

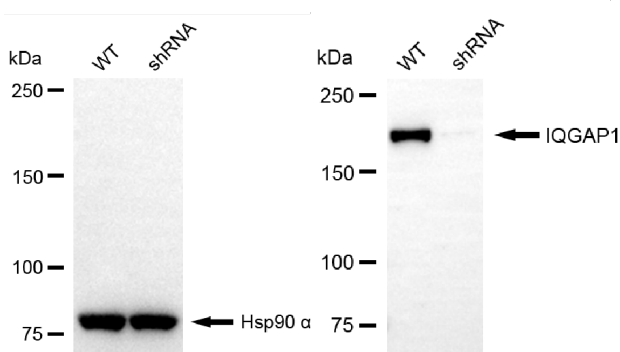
Target information (P46940)

Gene Name	IQGAP1
About Gene Symbol	IQGAP1 (IQ Motif Containing GTPase Activating Protein 1) is a GTPase-activating protein 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.



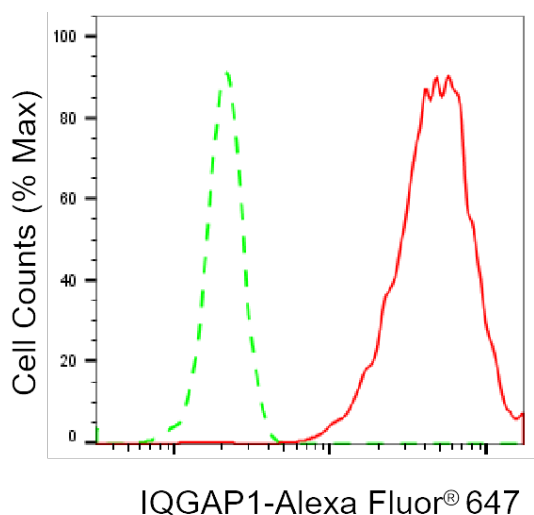
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Western blotting analysis using anti-IQGAP1 antibody (Cat#ABG1125). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-IQGAP1 antibody (Cat#ABG1125, 1:5,000) and HRP-conjugated goat anti rabbit secondary antibody respectively.



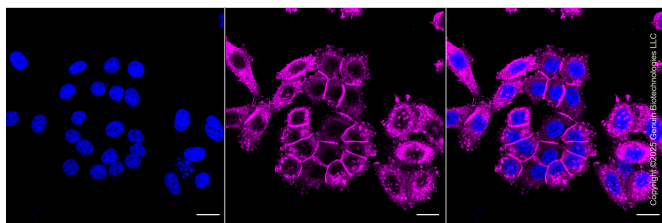
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Western blotting analysis using anti-IQGAP1 antibody (Cat#ABG1125). IQGAP1 expression in wild-type (WT) and IQGAP1 shRNA knockdown (KD) HepG2 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-IQGAP1 antibody (Cat#ABG1125, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of IQGAP1 expression in HepG2 cells using IQGAP1 antibody (Cat#ABG1125, 1:2,000). Green, isotype control; red, IQGAP1.



Immunocytochemical staining of HepG2 cells with IQGAP1 antibody (Cat#ABG1125, 1:1,000). Nuclei were stained blue with DAPI; IQGAP1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar, 20 μ m.