

KD-Validated Anti-GOPC Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

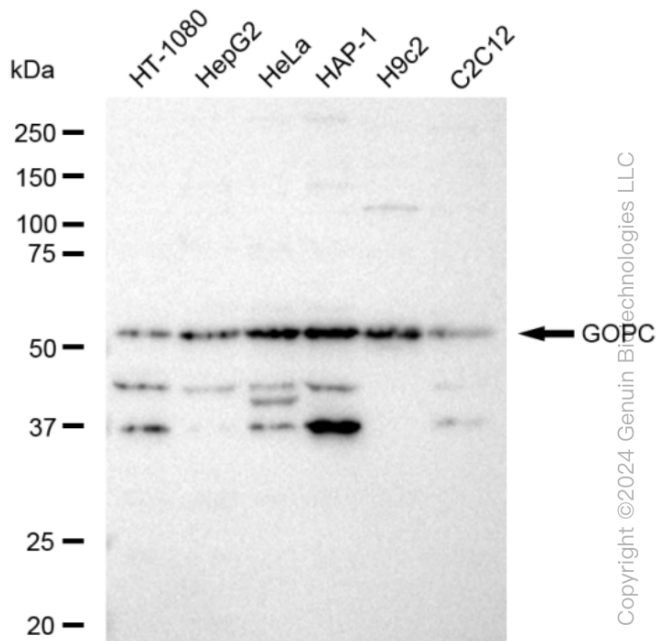
ABG1544

Product Overview

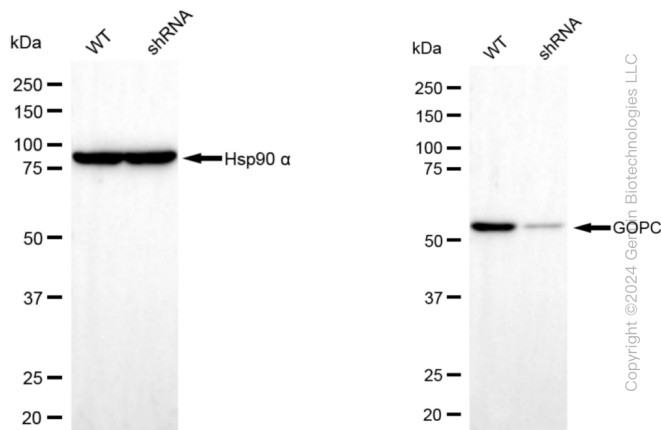
Name	KD-Validated Anti-GOPC Rabbit Monoclonal Antibody
Accession(Primary)	Q9HD26
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human PIST
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 51 kDa , observed , 51 kDa
Storage Buffer	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 (Q9HD26)

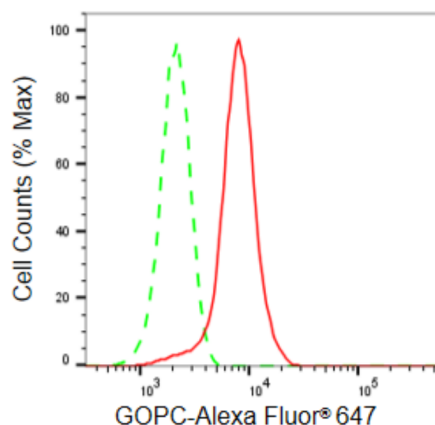
Gene Name	GOPC
About Gene Symbol	GOPC (Golgi Associated PDZ And Coiled-Coil Motif Containing) is a protein kinase and signaling regulator involved in Hedgehog signaling. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



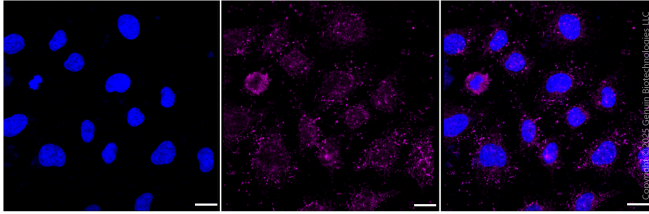
Western blotting analysis using anti-GIPC antibody (Cat#ABG1544). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-GIPC antibody (Cat#ABG1544, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-GIPC antibody (Cat#ABG1544). GIPC expression in wild type (WT) and GIPC shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-GIPC antibody (Cat#ABG1544, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of GIPC expression in HeLa cells using GIPC antibody (Cat#ABG1544, 1:2,000). Green, isotype control; red, GIPC.



Immunocytochemical staining of HeLa cells with anti-GOPC antibody (Cat#ABG1544, 1:1,000).

Nuclei were stained blue with DAPI; GOPC 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.