

KD-Validated Anti-Growth Factor Receptor Bound Protein 7

Rabbit monoclonal antibody

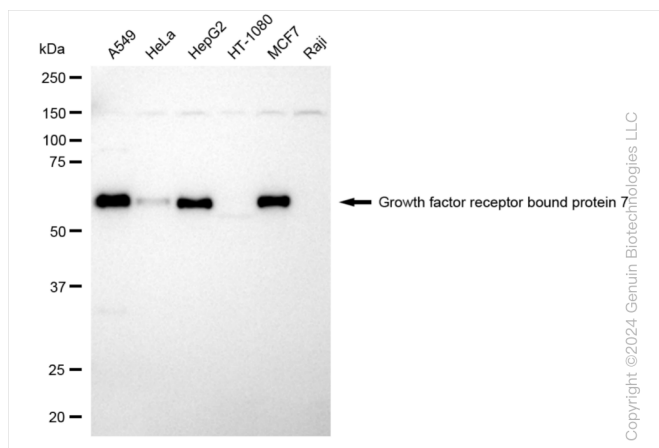
ABG1035

Product Overview

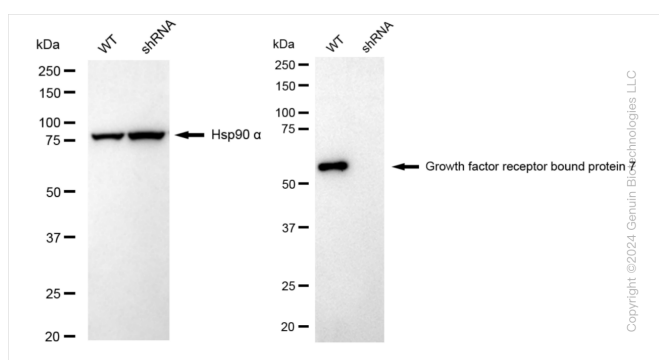
Name	KD-Validated Anti-Growth Factor Receptor Bound Protein 7 Rabbit Monoclonal Antibody
Accession(Primary)	Q14451
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human GRB7
Species Reactivity	Human
Calculated MW	Predicted, 60 kDa, observed, 60 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): 1:1,000

Target information (Q14451)

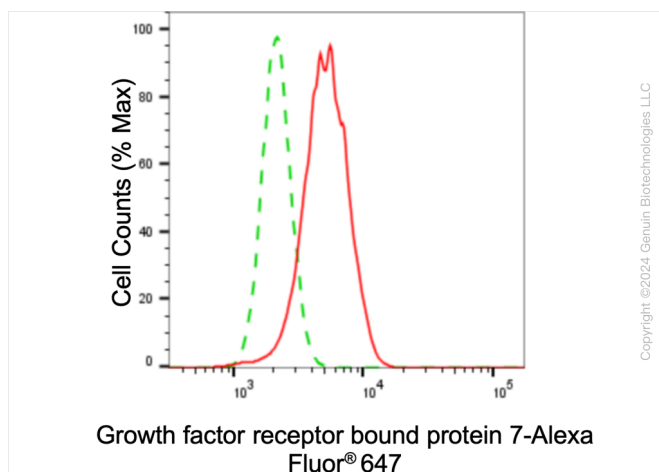
Gene Name	GRB7
About Gene Symbol	GRB7 (Growth Factor Receptor Bound Protein 7) is a signaling adaptor protein involved in receptor-mediated signaling. It is an important research target in cell signaling, drug discovery, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



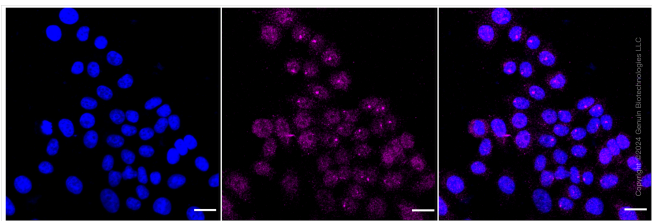
Western blotting analysis using anti-growth factor receptor bound protein 7 antibody (Cat#ABG1035). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-growth factor receptor bound protein 7 antibody (Cat#ABG1035, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-growth factor receptor bound protein 7 antibody (Cat#ABG1035). Growth factor receptor bound protein 7 expression in wild type (WT) and growth factor receptor bound protein 7 (GRB7) 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-growth factor receptor bound protein 7 antibody (Cat#ABG1035, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of growth factor receptor bound protein 7 expression in HepG2 cells using growth factor receptor bound protein 7 antibody (Cat#ABG1035, 1:2,000). Green, isotype control; red, growth factor receptor bound protein 7.



Immunocytochemical staining of HepG2 cells with anti-growth factor receptor bound protein 7 antibody (Cat#ABG1035, 1:1,000). Nuclei were stained blue with DAPI; Growth factor receptor bound protein 7 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.