9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Growth Factor Receptor Bound Protein 7 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1035

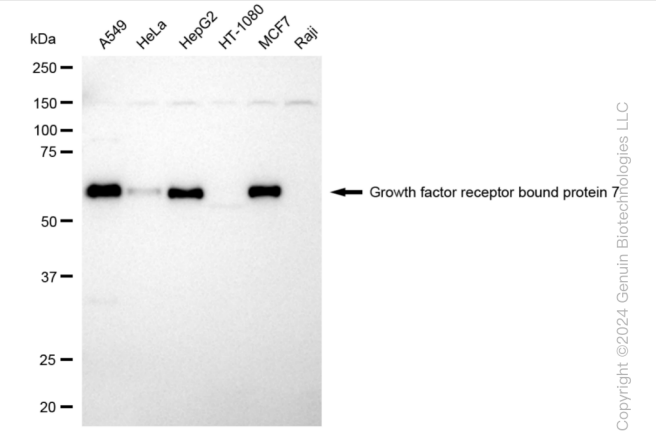
Product Overview

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

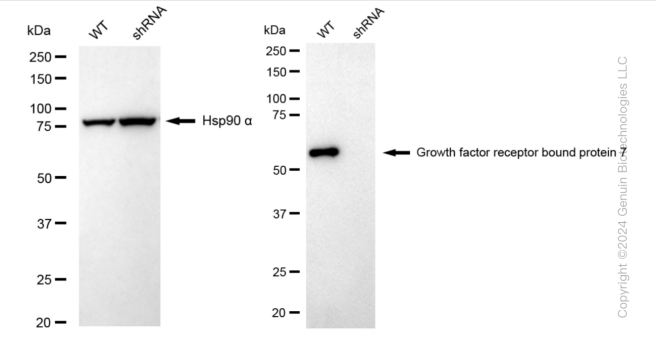
Target information (Q14451)

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.

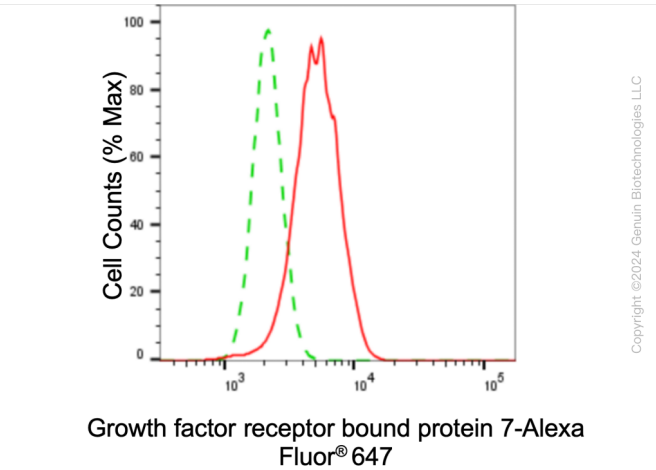
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Western blotting analysis using anti-anti-growth factor receptor bound protein 7 antibody (Cat#ABG1035). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-growth factor receptor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

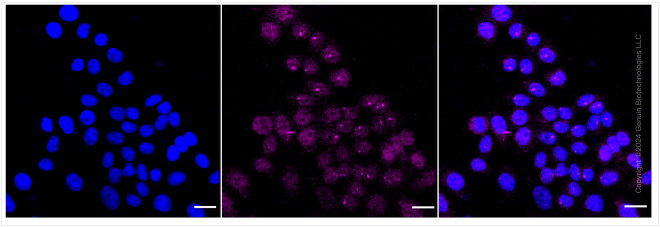


Western blotting analysis using anti-growth factor receptor bound protein 7 antibody (Cat#ABG1035). Growth factor receptor bound protein 7 expression in wild type (WT) and growth factor receptor bound protein 7 (GRB7) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as 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.

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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 µm.