9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-Growth associated protein 43 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1808

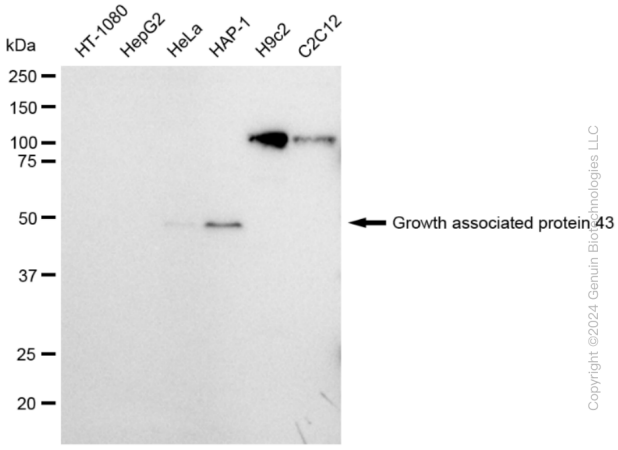
Product Overview

Name	KD-Validated Anti-Growth associated protein 43 Rabbit Monoclonal Antibody
Accession(Primary)	P17677
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human GAP43
Species Reactivity	Human
Calculated MW	Predicted, 25 kDa , observed, 4 8 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:50,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (P17677)

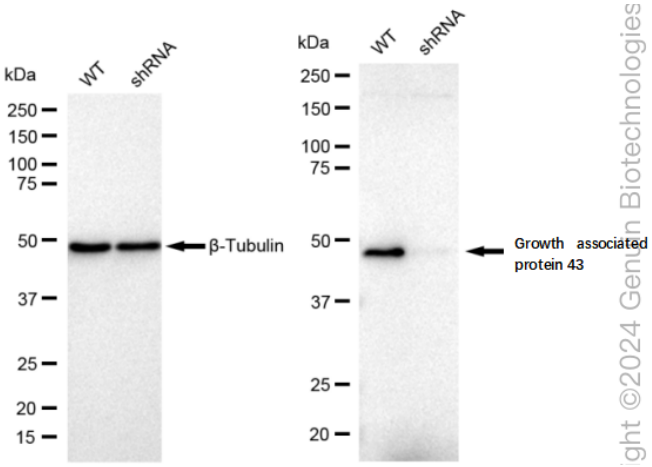
Gene Name	GAP43
About Gene Symbol	GAP43 (Growth Associated Protein 43) is a membrane receptor involved in receptor-mediated signaling. It is an important research target in cell signaling, drug discovery, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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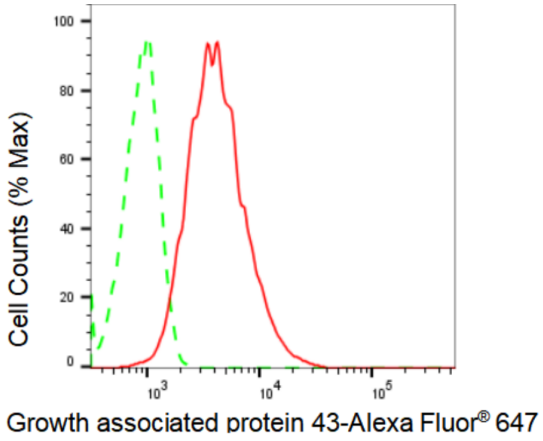
Western blotting analysis using anti-Growth associated protein 43 antibody (Cat#ABG1808). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Growth associated protein 43 antibody (Cat#ABG1808, 1:50,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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Western blotting analysis using anti-Growth associated protein 43 antibody (Cat#ABG1808). Growth associated protein 43 expression in wild type (WT) and growth associated protein 43 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Growth associated protein 43 antibody (Cat#ABG1808, 1:50,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

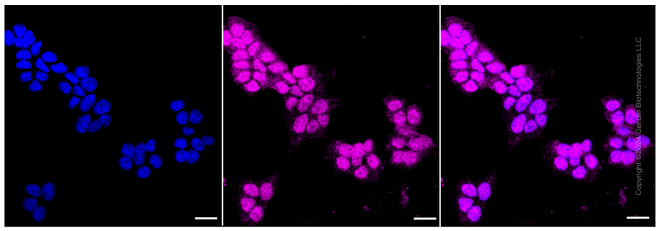
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Flow cytometric analysis of Growth associated protein 43 expression in HAP-1 cells using Growth associated protein 43 antibody (Cat#ABG1808, 1:2,000). Green, isotype control; red, Growth associated protein 43.

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Immunocytochemical staining of HAP-1 cells with Growth associated protein 43 antibody (Cat#ABG1808, 1:1,000). Nuclei were stained blue with DAPI; Growth associated protein 43 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.