Anti-Ran GTPase Activating Protein 1 Recombinant Rabbit Monoclonal Antibody



Catalog #: 2601

Aliases

Ran GTPase Activating Protein 1; KIAA1835; Fug1; SD; Ran GTPase-Activating Protein 1; Segregation Distorter Homolog (Drosophila); Segregation Distorter Homolog; RanGAP1; RANGAP

Background

Gene Name: RANGAP1 NCBI Gene Entry: 5905 UniProt Entry: P46060

Application Information

Molecular Weight: Predicted, 64 kDa; observed, 64,75 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB1595

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human RanGAP1

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

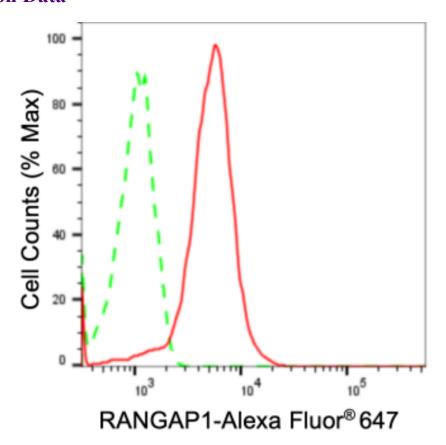
Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

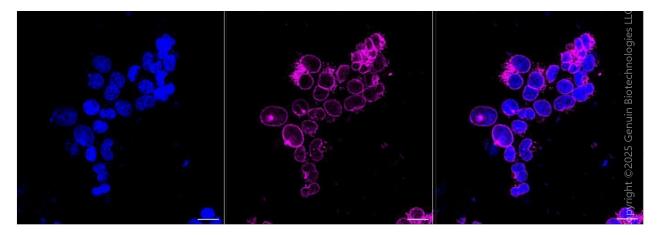
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Validation Data



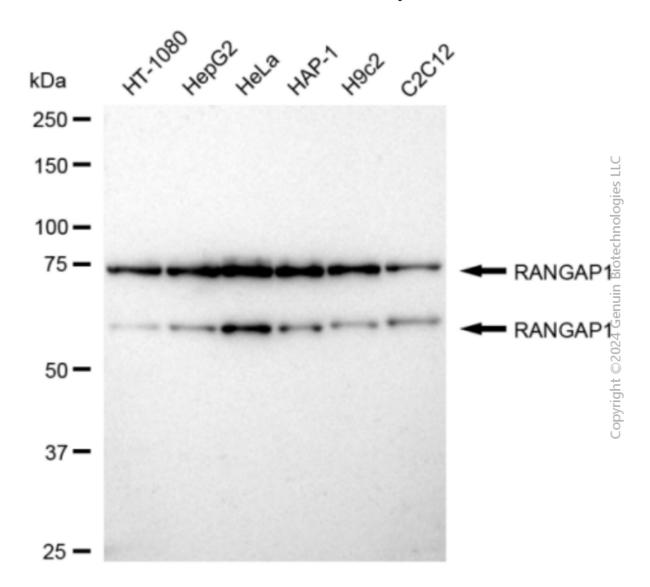
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Flow cytometric analysis of RANGAP1 expression in Hela cells using anti-RANGAP1 antibody (Cat#2601, 1:2,000). Green, isotype control; red, RANGAP1.



Immunocytochemical staining of HeLa cells with anti-RANGAP1 antibody (Cat#2601, 1:1,000) . Nuclei were stained blue with DAPI; RANGAP1 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, $20~\mu m$.

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Western blotting analysis using anti-RANGAP1 antibody (Cat#2601). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-RANGAP1 antibody (Cat#2601, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQTM ECL Substrate Kit (Cat#226).