Anti-RAS Like Proto-Oncogene A Recombinant Rabbit Monoclonal Antibody



Catalog #: 2497

Aliases

RAS Like Proto-Oncogene A; Ras-Related Protein Ral-A; RAL; V-Ral Simian Leukemia Viral Oncogene Homolog A (Ras Related); Ras Family Small GTP Binding Protein RALA; Ras Related GTP Binding Protein A; RAS-Like Protein A; RALA Ras Like Proto-Oncogene A; EC 3.6.5.2; HINCONS

Background

Gene Name: RALA NCBI Gene Entry: 5898 UniProt Entry: P11233

Application Information

Molecular Weight: Predicted, 24 kDa; observed, 22 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB1125

Species Reactivity: Human

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

Immunogen

A synthesized peptide derived from human RalA

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

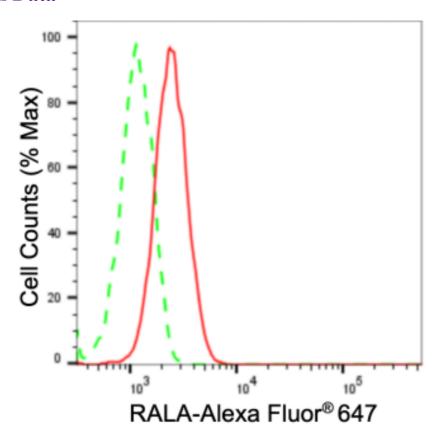
Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

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

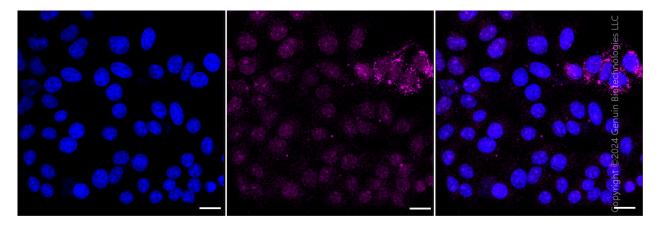
Note: This product is for research use only.

Validation Data



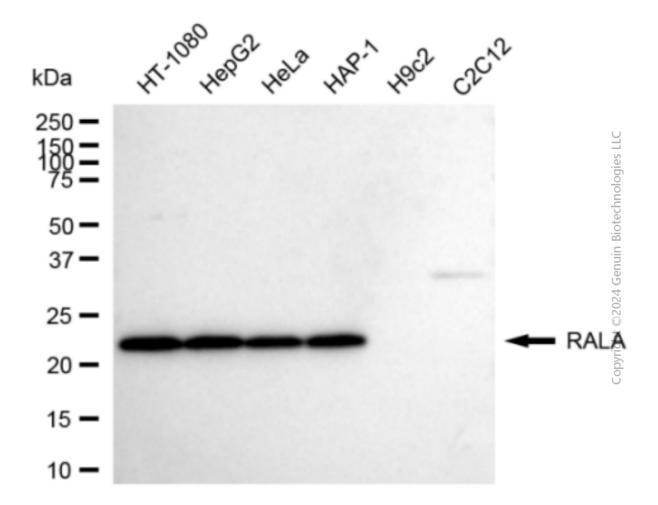
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Flow cytometric analysis of RALA expression in HepG2 cells using anti-RALA antibody (Cat#2497, 1:2,000). Green, isotype control; red, RALA.



Immunocytochemical staining of HepG2 cells with anti-RALA antibody (Cat#2497, 1:1,000). Nuclei were stained blue with DAPI; RALA 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.

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Western blotting analysis using anti-RALA antibody (Cat#2497). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-RALA antibody (Cat#2497, 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).