# Anti-RASEF Recombinant Rabbit Monoclonal Antibody

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REAL MATTERS

# Catalog #: 1283

## Aliases

RASEF; RAS And EF-Hand Domain Containing; RAB45; TSG; Ras And EF-Hand Domain-Containing Protein; Ras-Related Protein Rab-45; FLJ31614; RAB45, Member RAS Oncogene Family

## Background

Gene Name: RASEF
NCBI Gene Entry: 158158
UniProt Entry: Q8IZ41

## Application Information

Molecular Weight: Predicted, 83 kDa; observed, 85 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 23GB2745
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

## Immunogen

A synthesized peptide derived from human RAB45

## 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
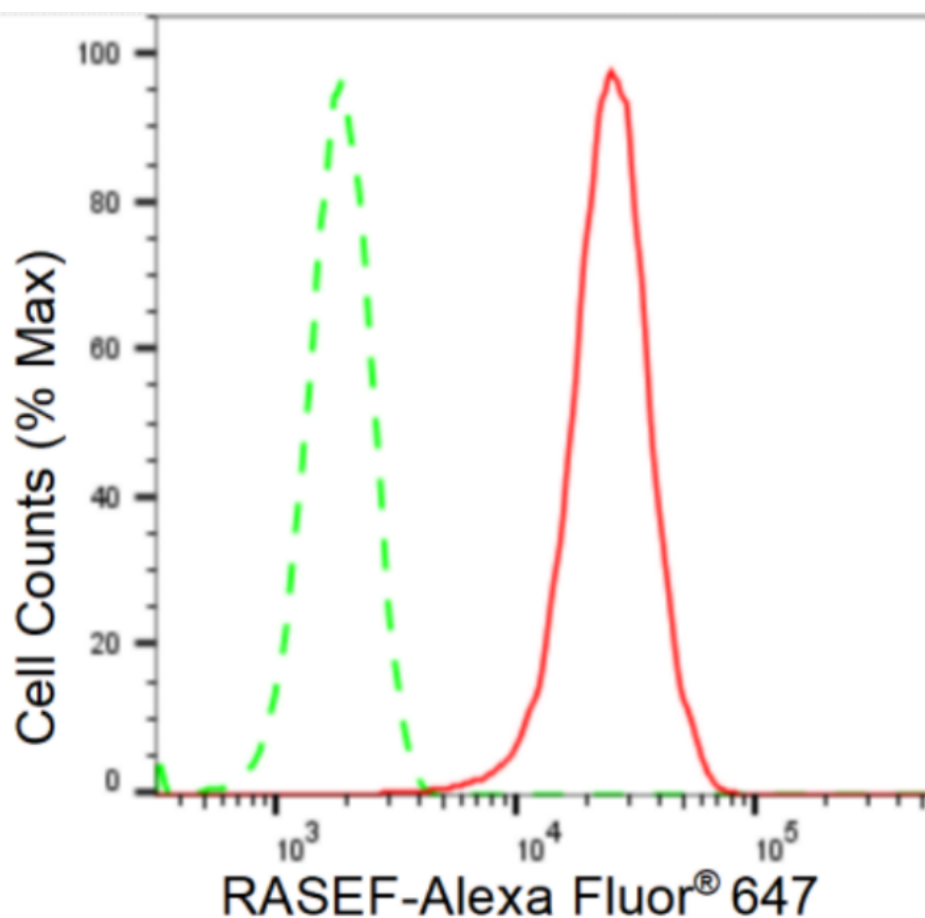
**Note:** This product is for research use only.

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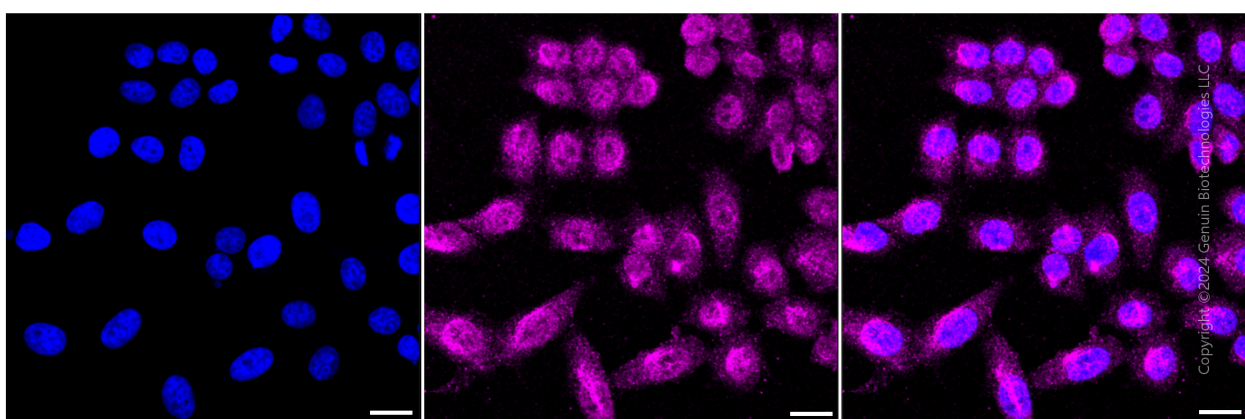SUPPORT@GENUINBIOTECH.COM
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# Validation Data



Flow cytometric analysis of RASEF expression in HepG2 cells using RASEF antibody (Cat#1283, 1:2,000). Green, isotype control; red, RASEF.



Immunocytochemical staining of HepG2 cells with RASEF antibody (Cat#1283, 1:1,000). Nuclei were stained blue with DAPI; RASEF 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.
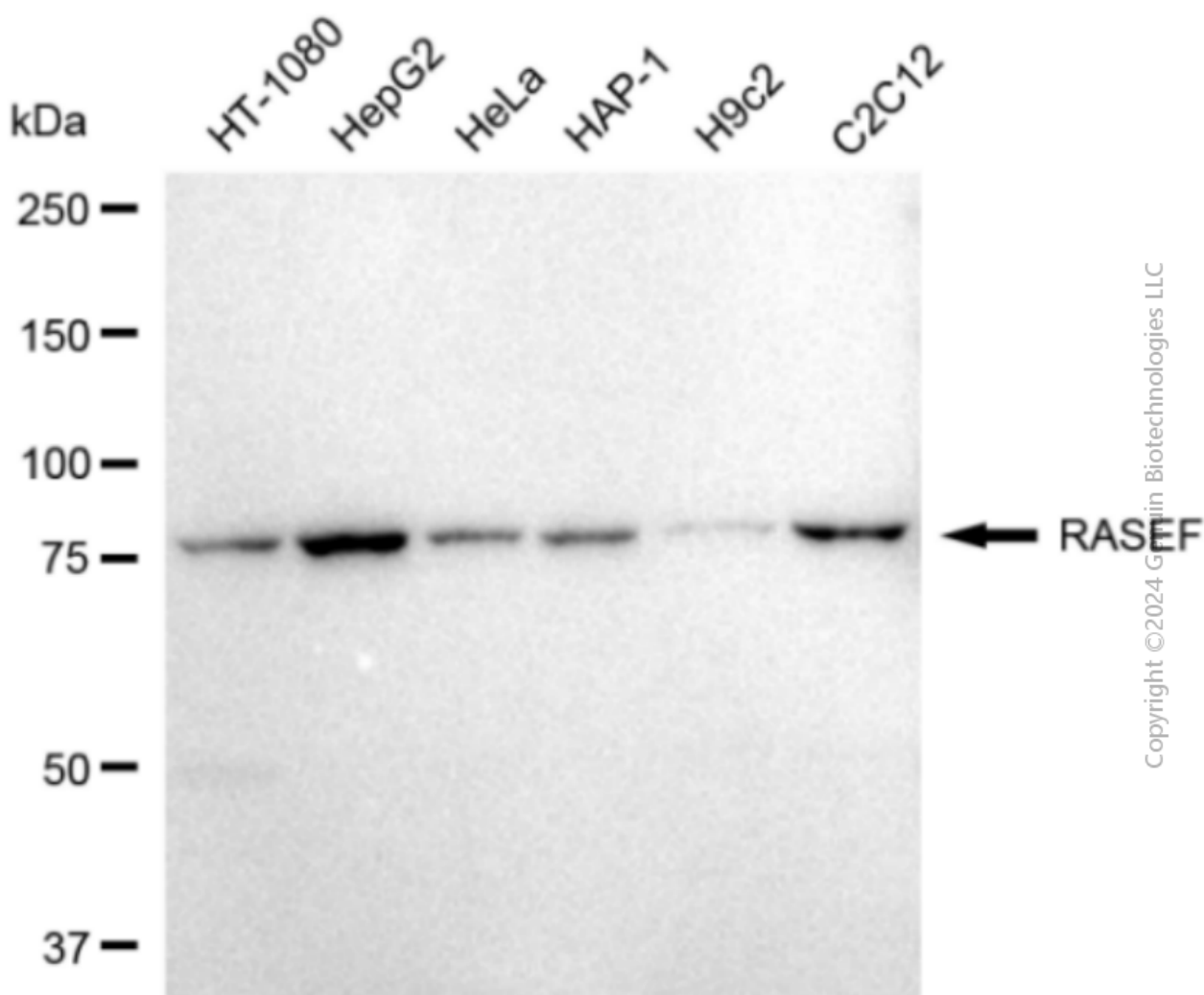
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Western blotting analysis using anti-RASEF antibody (Cat#1283). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-RASEF antibody (Cat#1283, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226). RASEF, RAS and EF-hand domain containing.

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