

# Anti-IQGAP1 Recombinant Rabbit Monoclonal Antibody



**Catalog #: 1144**

## Aliases

IQGAP1; IQ Motif Containing GTPase Activating Protein 1; P195; HUMORFA01; KIAA0051; SAR1; Ras GTPase-Activating-Like Protein IQGAP1; RasGAP-Like With IQ Motifs

## Background

Gene Name: IQGAP1

NCBI Gene Entry: [8826](#)

UniProt Entry: [P46940](#)

## Application Information

Molecular Weight: Predicted, 189 kDa; observed, 195 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB2020

Species Reactivity: Human, mouse, rat

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

## Immunogen

A synthesized peptide derived from human IQGAP1

## 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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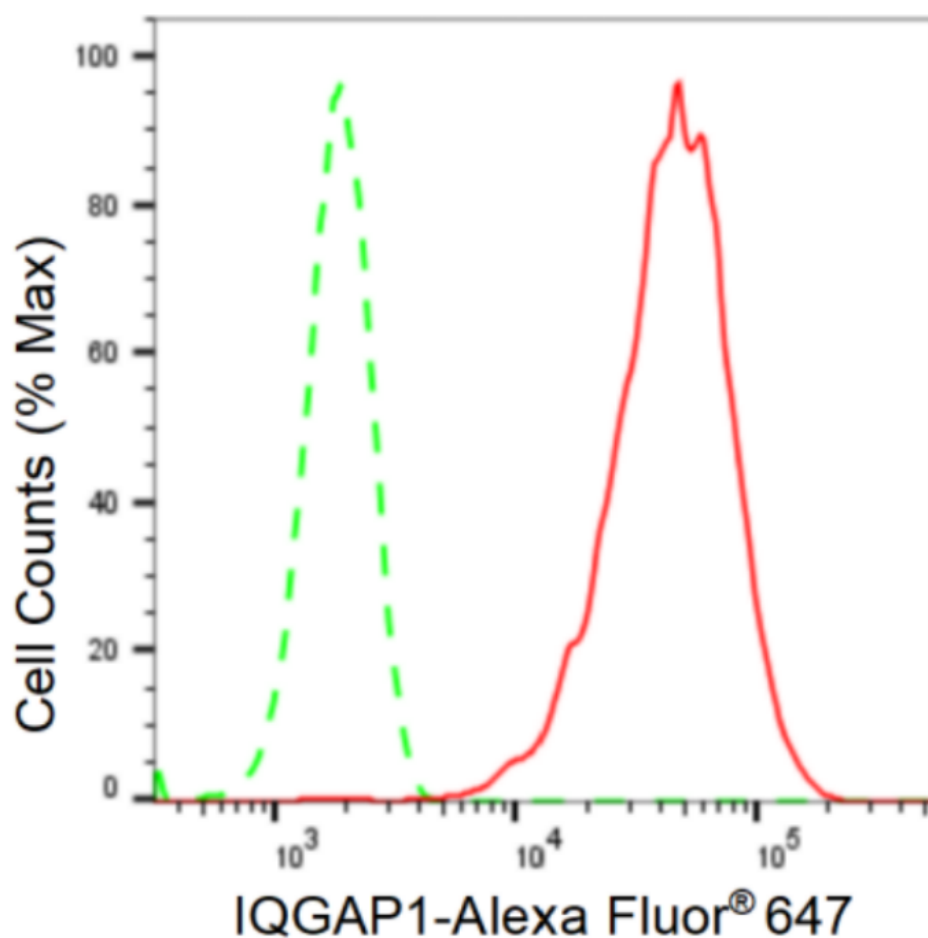
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### ORDERS

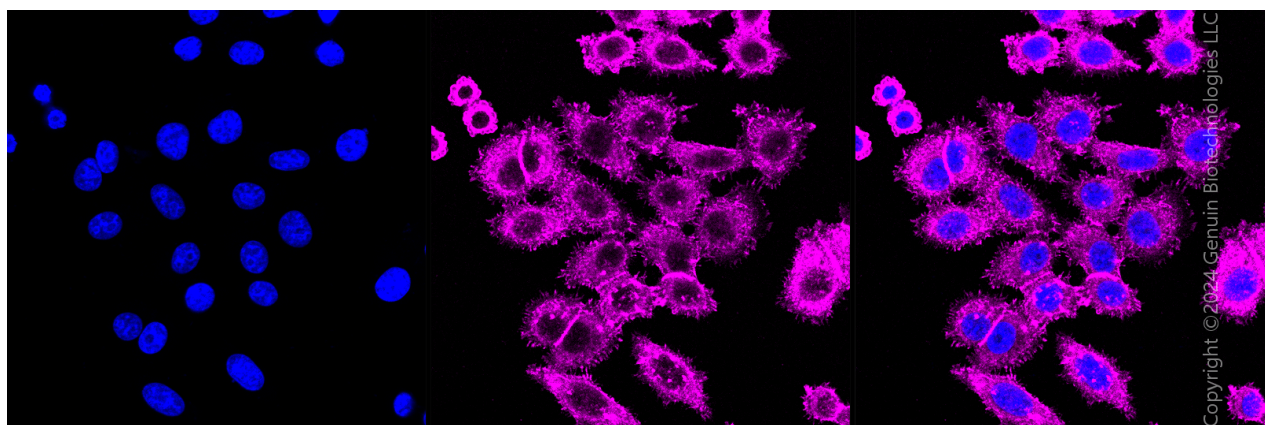
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Flow cytometric analysis of IQGAP1 expression in HepG2 cells using IQGAP1 antibody (Cat#1144, 1:2,000). Green, isotype control; red, IQGAP1.



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Immunocytochemical staining of HepG2 cells with IQGAP1 antibody (Cat#1144, 1:1,000). Nuclei were stained blue with DAPI; IQGAP1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20  $\mu$ m.

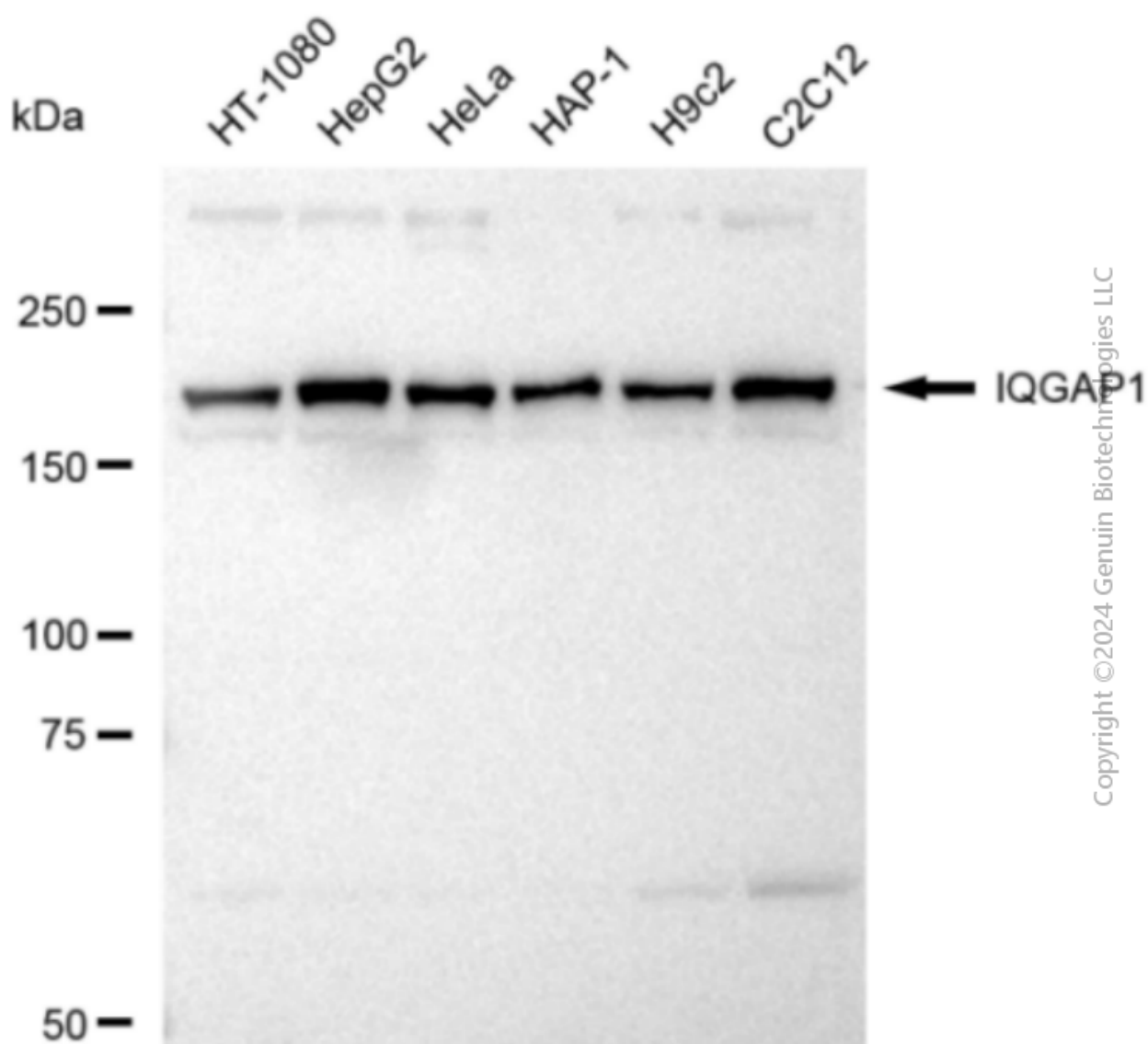
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Western blotting analysis using anti-IQGAP1 antibody (Cat#1144). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-IQGAP1 antibody (Cat#1144, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226). IQGAP1, IQ motif containing GTPase activating protein 1.