

Anti-Phospho-Raf1 (S621) Recombinant Rabbit Monoclonal Antibody



Catalog #: 4254

Aliases

RAF1; Raf-1 Proto-Oncogene, Serine/Threonine Kinase; Raf-1; CRAF; RAF Proto-Oncogene Serine/Threonine-Protein Kinase; V-Raf-1 Murine Leukemia Viral Oncogene Homolog 1; C-Raf Proto-Oncogene, Serine/Threonine Kinase; Proto-Oncogene C-RAF; EC 2.7.11.1; C-Raf; V-Raf-1 Murine Leukemia Viral Oncogene-Like Protein 1; Raf Proto-Oncogene Serine/Threonine Protein Kinase; Oncogene RAF1; EC 2.7.11; CMD1NN; C-RAF; RAF-1; CRaf; NS5; RAF

Background

Gene Name: RAF1

NCBI Gene Entry: [5894](#)

UniProt Entry: [P04049](#)

Application Information

Molecular Weight: Predicted, 73 kDa; observed, 73 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB10300

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human Phospho-Raf1 (S621)

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

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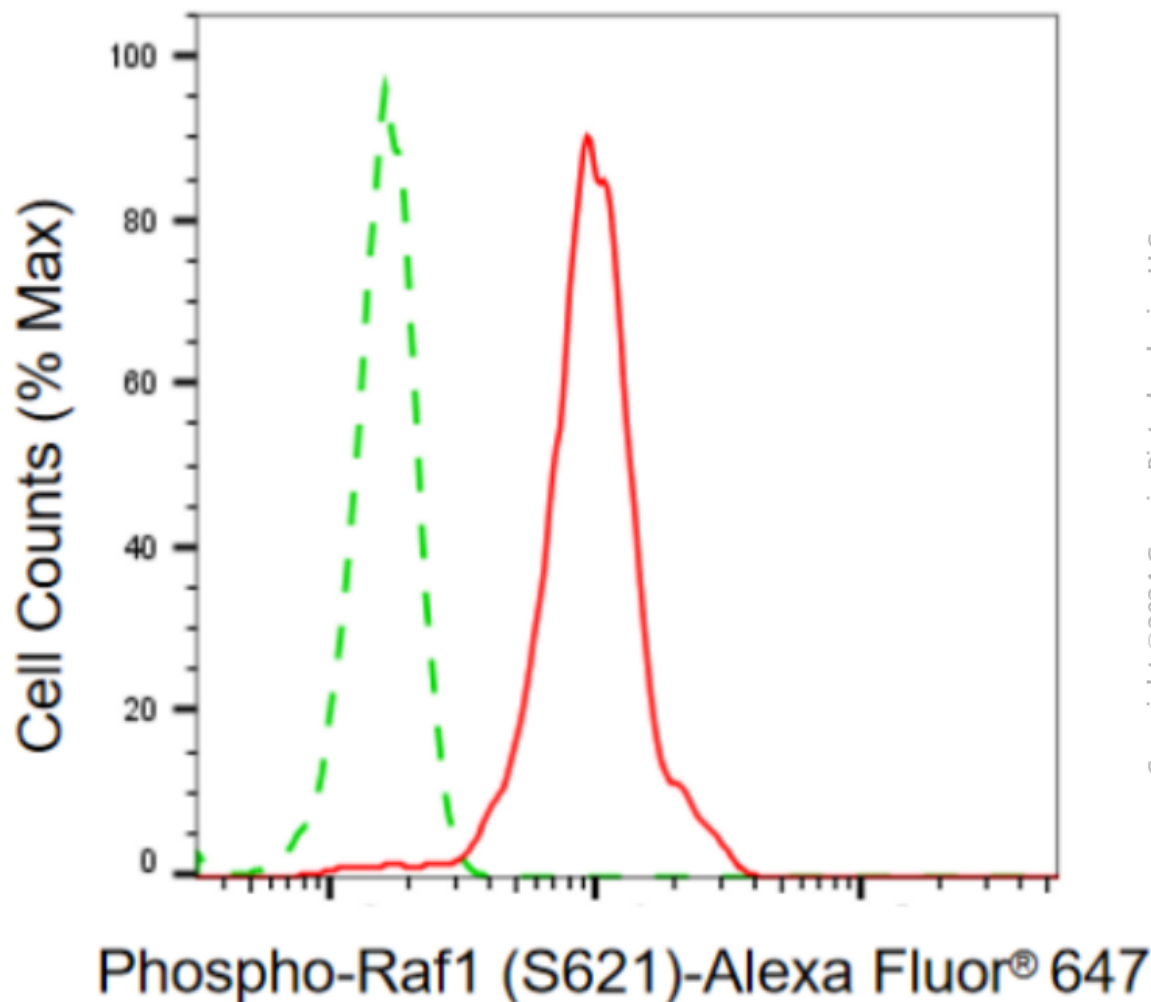
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Note: This product is for research use only.

Validation Data



Flow cytometric analysis of phospho-Raf1 (S621) expression in HeLa cells using anti-phospho-Raf1 (S621) antibody (Cat#4254, 1:2,000). Green, isotype control; red, phospho-Raf1 (S621).

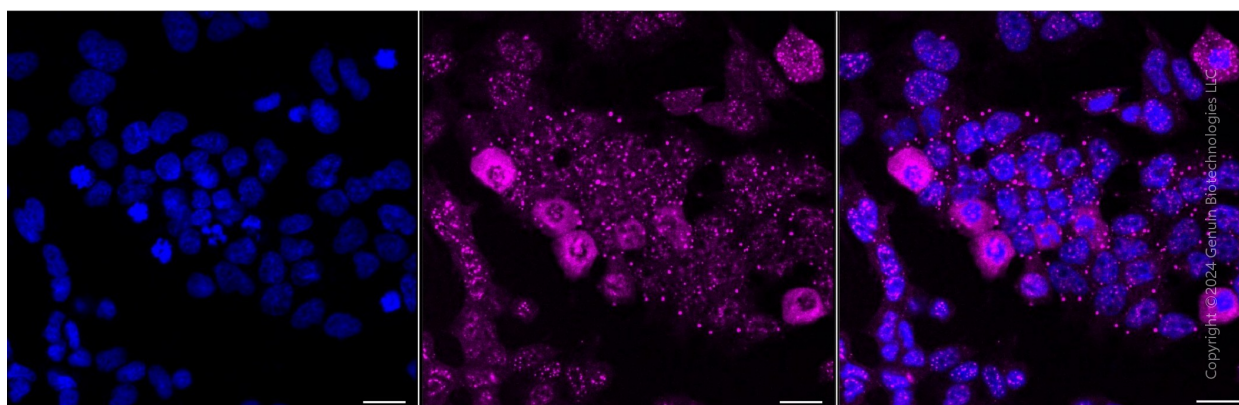
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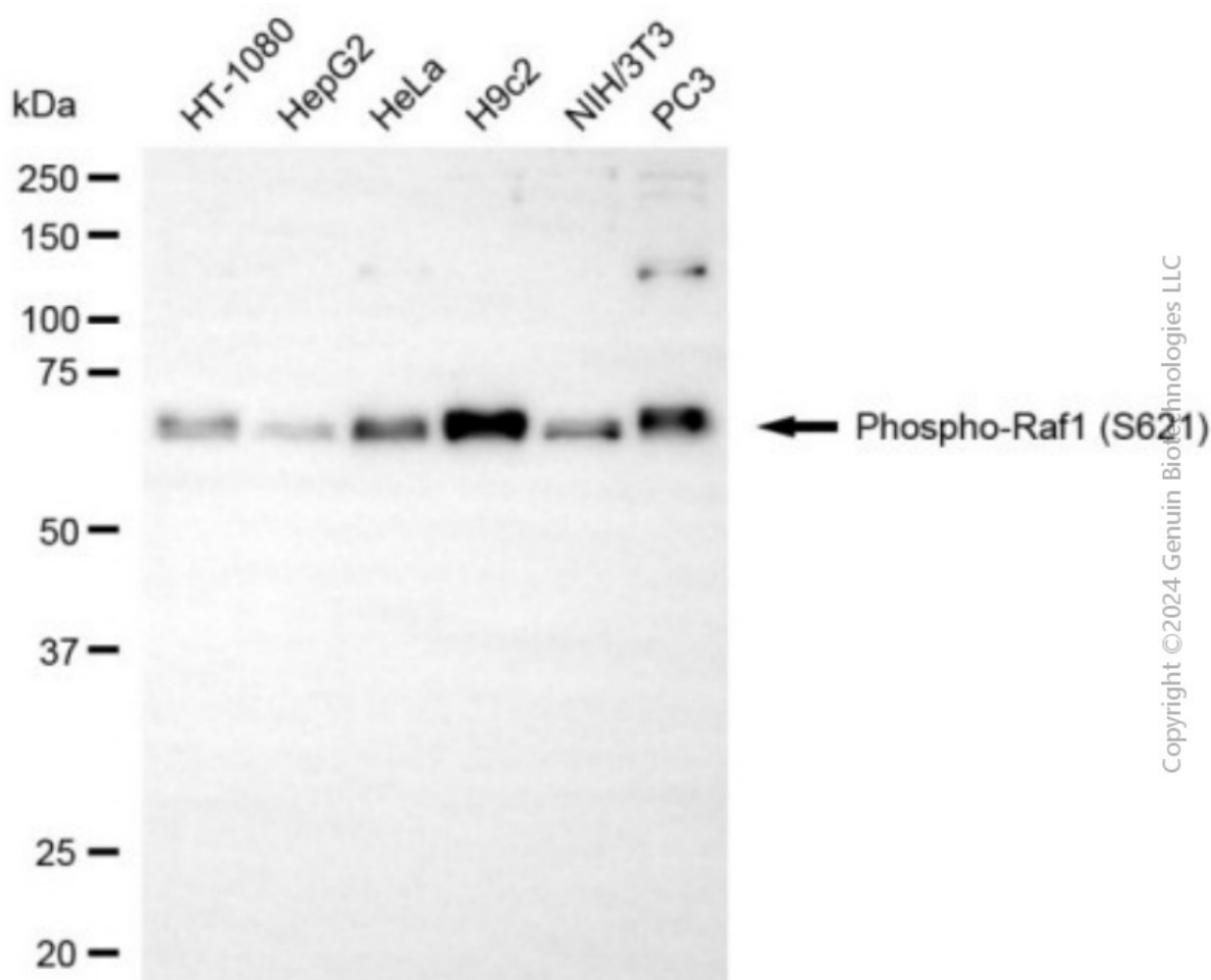


Immunocytochemical staining of HeLa cells with anti-RAF1 antibody (Cat#4254, 1:1,000). Nuclei were stained blue with DAPI;

RAF1 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 μm.



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Western blotting analysis using anti-phospho-Raf1 (S621) antibody (Cat#4254). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-phospho-Raf1 (S621) antibody (Cat#4254, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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