9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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KD-Validated Anti-Phospho-Raf1 (S621) Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1279

Product Overview

Name	KD-Validated Anti-Phospho-Raf1 (S621) Rabbit Monoclonal Antibody
Accession(Primary)	P04049
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Phospho-Raf1 (S621)
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 73 kDa , observed, 73 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:100-1:1,000

Target information (P04049)

Gene Name	RAF1
About Gene Symbol	RAF1 (Raf-1 Proto-Oncogene, Serine/Threonine Kinase) is a serine/threonine protein kinase involved in cell signaling and proliferation. It is an important research target in cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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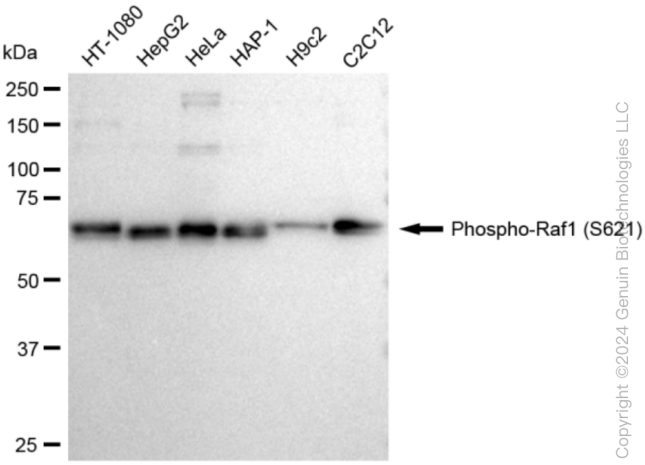

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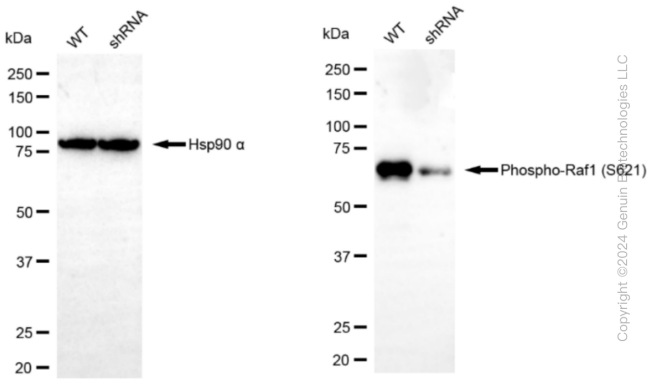
Western blotting analysis using anti-Phospho-Raf1 (S621) antibody (Cat#ABG1279). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Phospho-Raf1 (S621) antibody (Cat#ABG1279, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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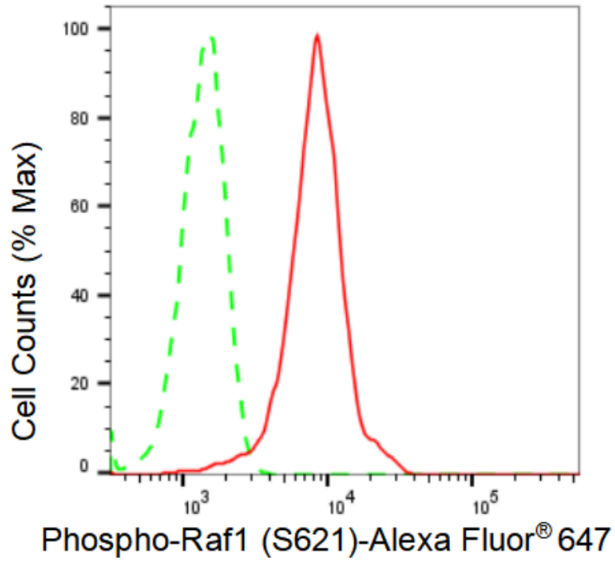
Western blotting analysis using anti-Phospho-Raf1 (S621) antibody (Cat#ABG1279). Phospho-Raf1 (S621) expression in wild type (WT) and phospho-Raf1 (S621) shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Phospho-Raf1 (S621) antibody (Cat#ABG1279, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Phospho-Raf1 (S621) expression in HeLa cells using Phospho-Raf1 (S621) antibody (Cat#ABG1279, 1:2,000). Green, isotype control; red, Phospho-Raf1 (S621).

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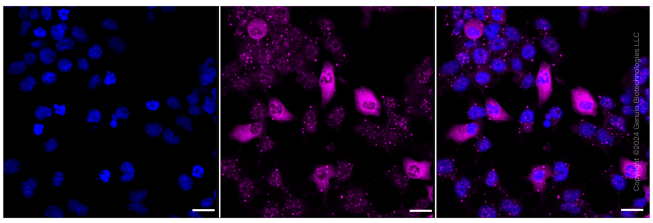

Immunocytochemical staining of HeLa cells with Phospho-Raf1 (S621) antibody (Cat#ABG1279, 1:1,000). Nuclei were stained blue with DAPI; Phospho-Raf1 (S621) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 µm.