

KD-Validated Anti-CDK5RAP3 Rabbit Monoclonal Antibody



Catalog #: 65198

Aliases

CDK5RAP3; CDK5 Regulatory Subunit Associated Protein 3; IC53; LZAP; OK/SW-C1.114; MST016; HSF-27; C53; LXXLL/Leucine-Zipper-Containing ARF-Binding Protein; LXXLL/Leucine-Zipper-Containing ARFbinding Protein; Ischemic Heart CDK5 Activator-Binding Protein C53; CDK5 Regulatory Subunit-Associated Protein 3; FLJ13660; CDK5 Regulatory Subunit Associated Protein IC53-2; CDK5 Activator-Binding Protein C53; Protein HSF-27; PP1553

Background

Gene Name: CDK5RAP3

NCBI Gene Entry: [80279](#)

UniProt Entry: [Q96JB5](#)

Application Information

Molecular Weight: Predicted, 57 kDa; observed, 65 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB115

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human CDK5RAP3

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): 1:1,000

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

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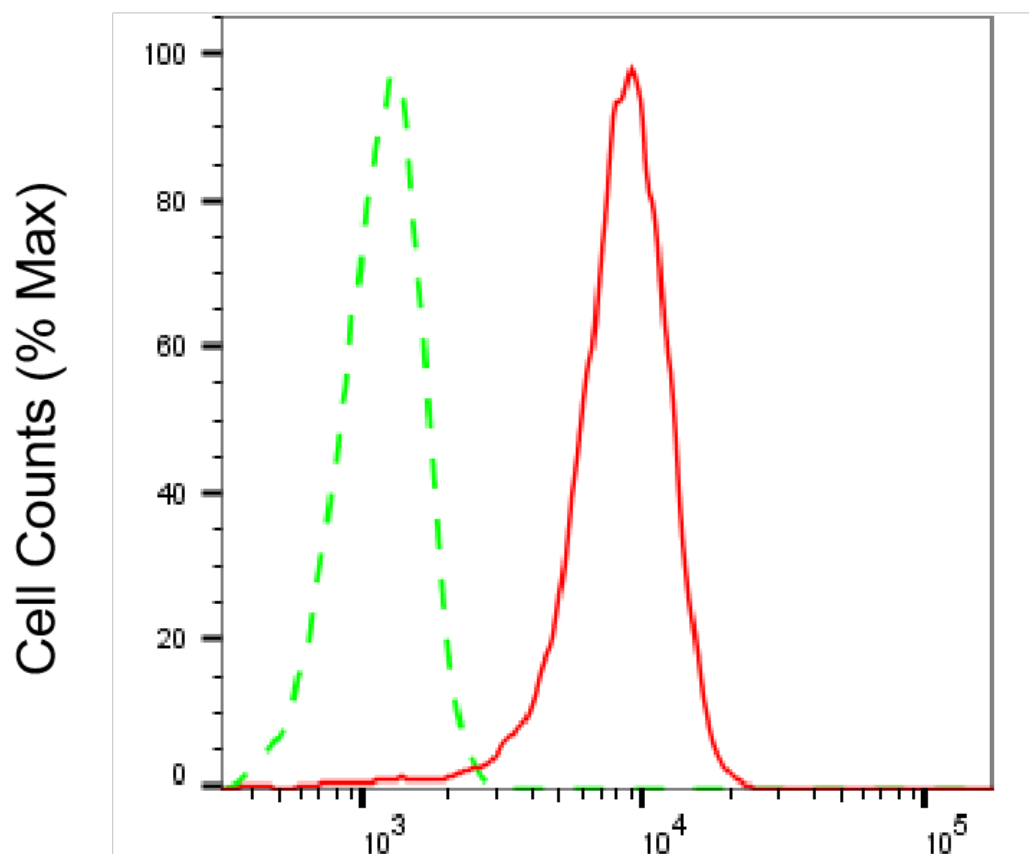
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Note: This product is for research use only.

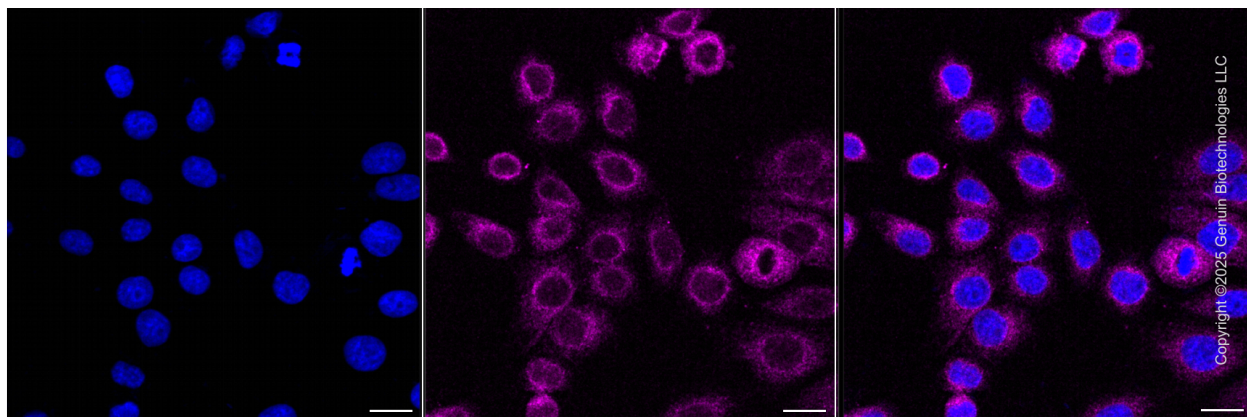
Validation Data



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CDK5RAP3-Alexa Fluor® 647

Flow cytometric analysis of CDK5RAP3 expression in HepG2 cells using anti-CDK5RAP3 antibody (Cat#65198, 1:2,000). Green, isotype control; red, CDK5RAP3.



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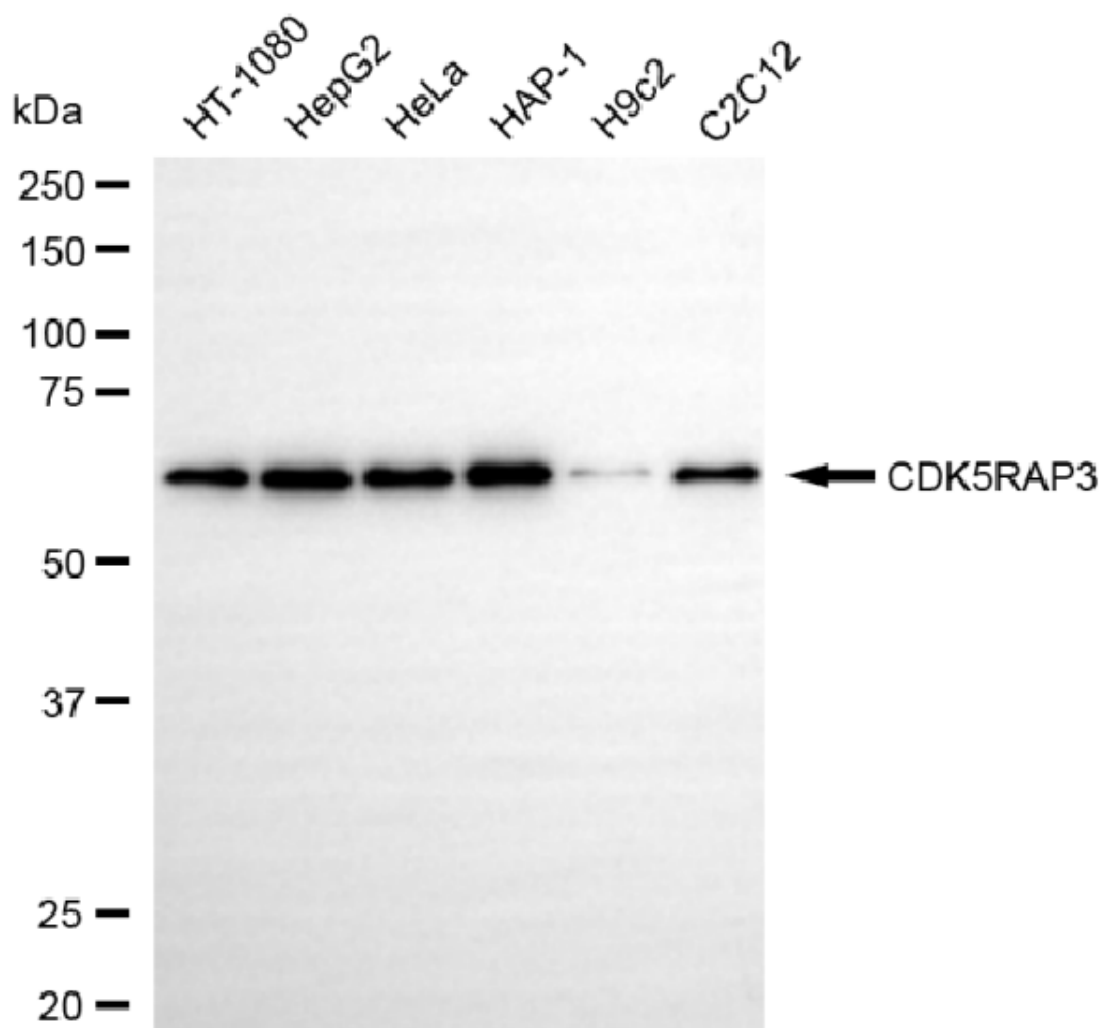
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Immunocytochemical staining of HepG2 cells with anti-CDK5RAP3 antibody (Cat#65198, 1:1,000). Nuclei were stained blue with DAPI; CDK5RAP3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



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Western blotting analysis using anti-CDK5RAP3 antibody (Cat#65198). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CDK5RAP3 antibody (Cat#65198, 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).

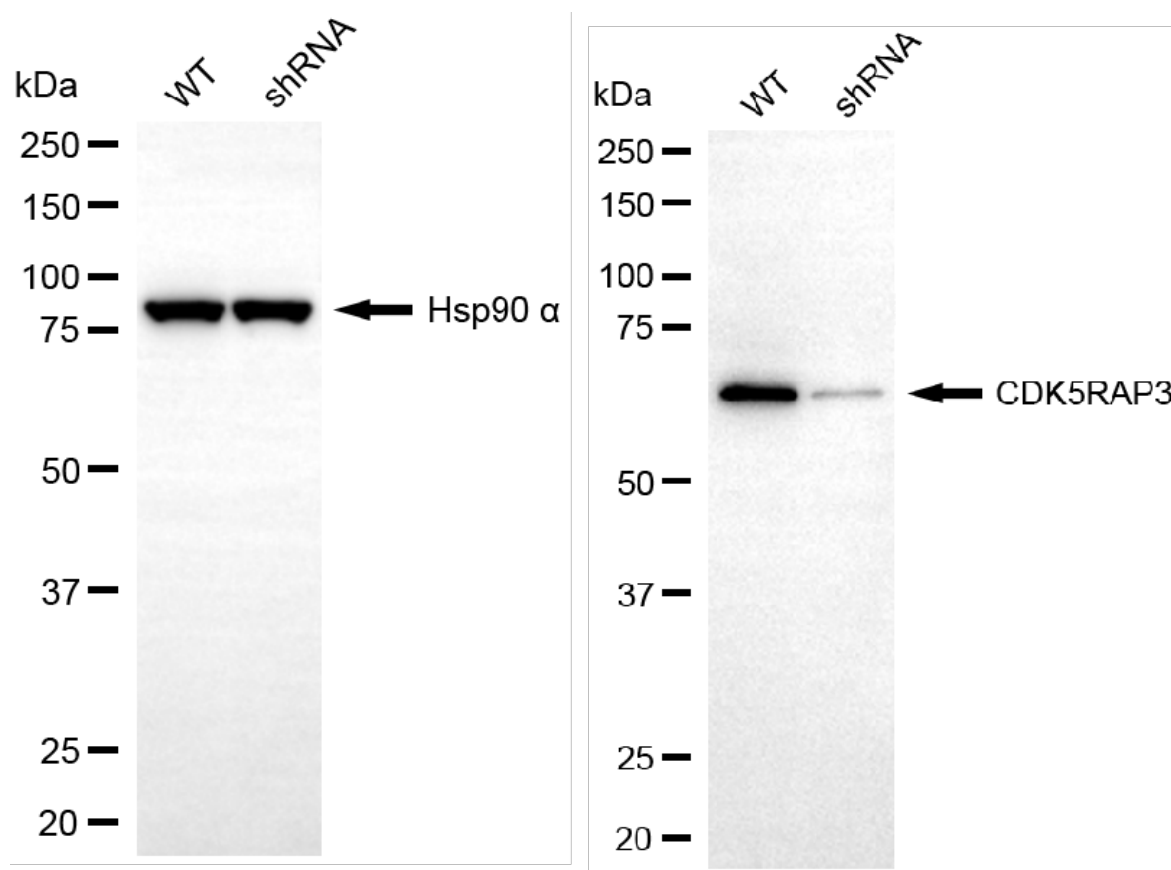
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Western blotting analysis using anti-CDK5RAP3 antibody (Cat#65198). CDK5RAP3 expression in wild-type (WT) and CDK5RAP3 shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-CDK5RAP3 antibody (Cat#65198, 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).