9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-B cell receptor associated protein 31 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1221

Product Overview

Name	KD-Validated Anti-B cell receptor associated protein 31 Rabbit Monoclonal Antibody
Accession(Primary)	P51572
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthetic peptide of human BCAP31
Species Reactivity	Human, Mouse
Calculated MW	Predicted, 28 kDa , observed, 25 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): 1:1,000

Target information (P51572)

Gene Name	BCAP31
About Gene Symbol	BCAP31 (B Cell Receptor Associated Protein 31) is a membrane receptor involved in adaptive immunity. 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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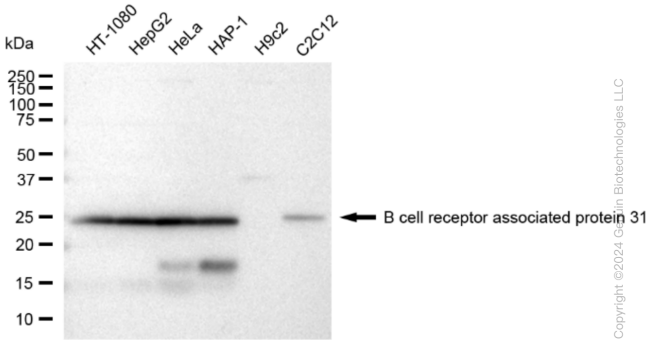

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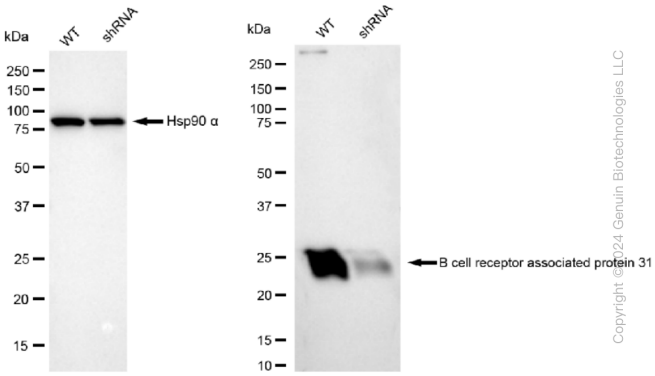
Western blotting analysis using anti-B cell receptor associated protein 31 antibody (Cat#ABG1221). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-B cell receptor associated protein 31 antibody (Cat#ABG1221, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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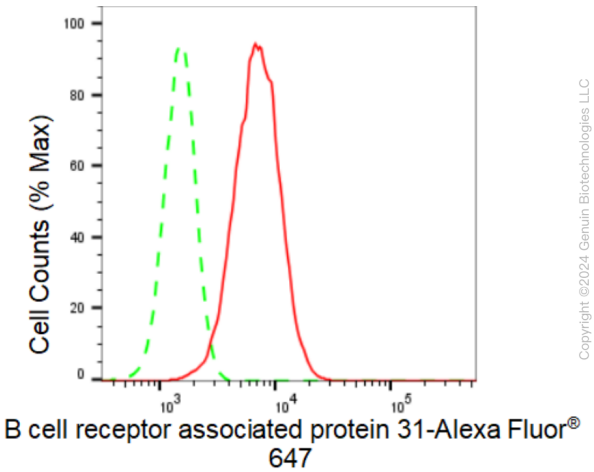
Western blotting analysis using anti-B cell receptor associated protein 31 antibody (Cat#ABG1221). B cell receptor associated protein 31 expression in wild type (WT) and B cell receptor associated protein 31 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-B cell receptor associated protein 31 antibody (Cat#ABG1221, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of B cell receptor associated protein 31 expression in HepG2 cells using B cell receptor associated protein 31 antibody (Cat#ABG1221, 1:2,000). Green, isotype control; red, B cell receptor associated protein 31.

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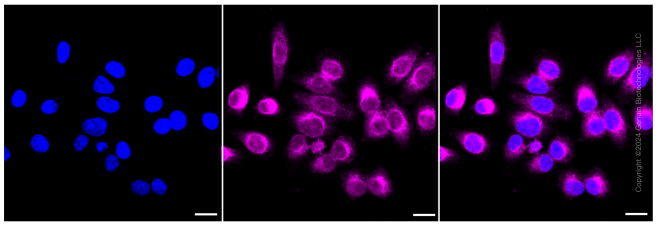

Immunocytochemical staining of HepG2 cells with B cell receptor associated protein 31 antibody (Cat#ABG1221, 1:1,000). Nuclei were stained blue with DAPI; B cell receptor associated protein 31 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.