9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

KD-Validated Anti-Adenosine Deaminase RNA Specific Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1362

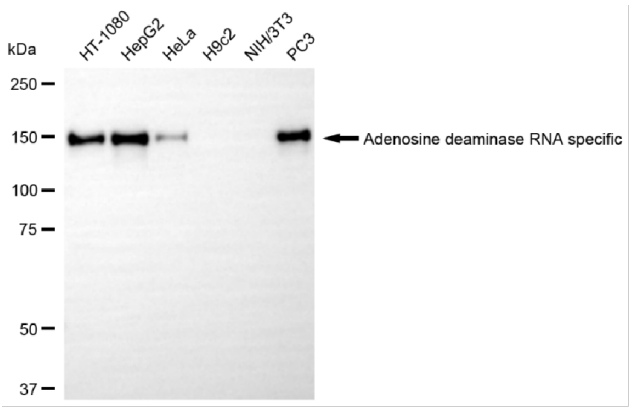
Product Overview

Name	KD-Validated Anti-Adenosine Deaminase RNA Specific Rabbit Monoclonal Antibody
Accession(Primary)	P55265
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human ADAR1
Species Reactivity	Human
Calculated MW	Predicted, 136 kDa; observed, 150 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (P55265)

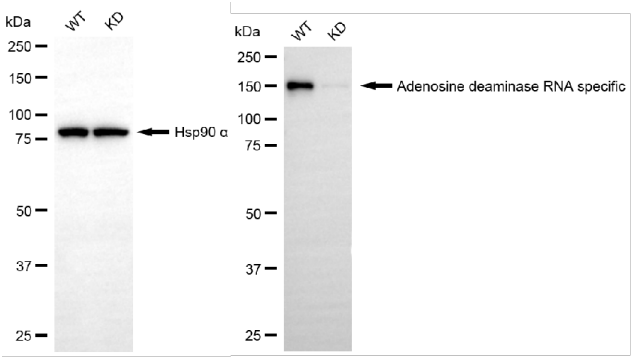
Gene Name	ADAR
About Gene Symbol	ADAR (Adenosine Deaminase RNA Specific) is a cytokine and immune signaling protein involved in JAK-STAT/cytokine signaling and innate immune signaling. It is an important research target in immunology, inflammation, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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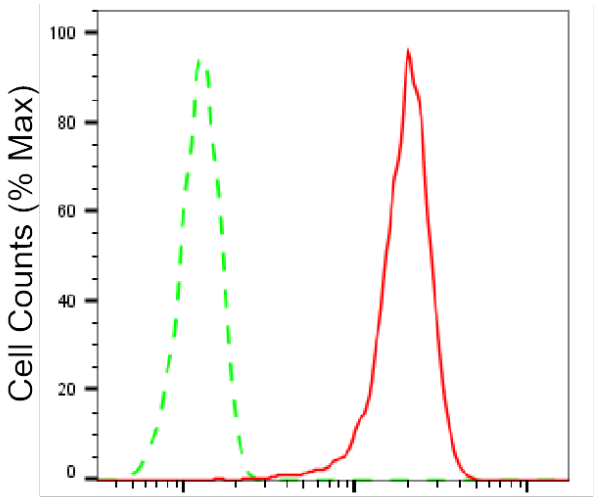
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Western blotting analysis using anti-adenosine deaminase RNA specific antibody (Cat#ABG1362). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-adenosine deaminase RNA specific antibody (Cat#ABG1362, 1:5,000) and HRP-conjugated goat anti rabbit secondary antibody respectively.



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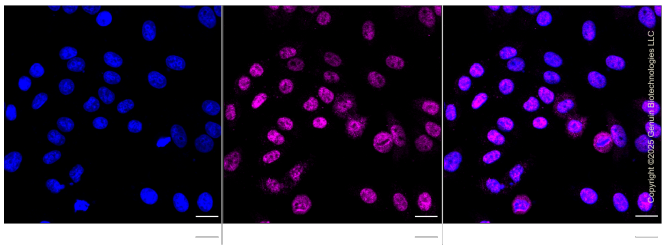
Western blotting analysis using anti-adenosine deaminase RNA specific antibody (Cat#ABG1362). Adenosine deaminase RNA specific expression in wild-type (WT) and adenosine deaminase RNA specific (ADAR) knockdown (KD) 293T cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-adenosine deaminase RNA specific antibody (Cat#ABG1362, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Adenosine deaminase RNA specific expression in HepG2 cells using anti-Adenosine deaminase RNA specific antibody (Cat#ABG1362, 1:2,000). Green, isotype control; red, Adenosine deaminase RNA specific.

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Immunocytochemical staining of HepG2 cells with Adenosine deaminase RNA specific antibody (Cat#ABG1362, 1:1,000). Nuclei were stained blue with DAPI; Adenosine deaminase RNA specific 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.