

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

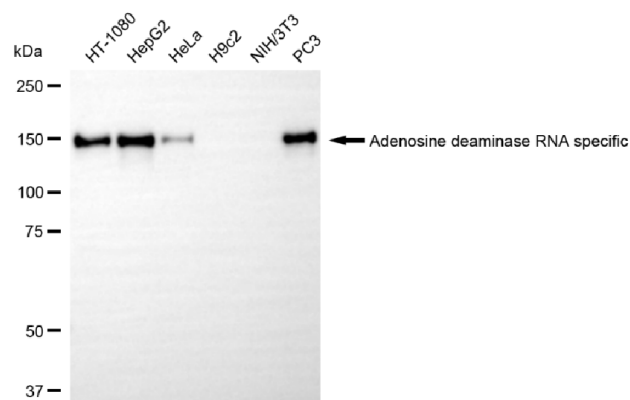
ABG1362

## Product Overview

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

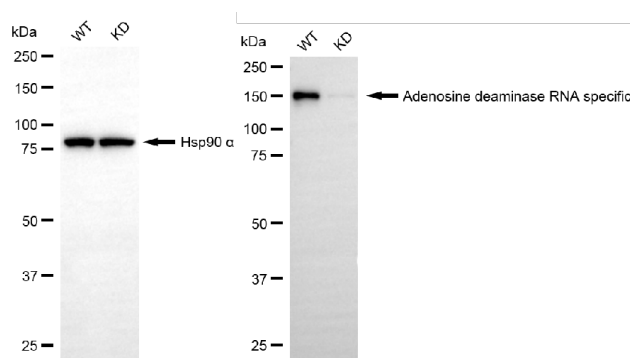
## Target information (P55265)

|                          |                                                                                                                                                                                                                                                                                                                                      |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | ADAR                                                                                                                                                                                                                                                                                                                                 |
| <b>About Gene Symbol</b> | 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. |



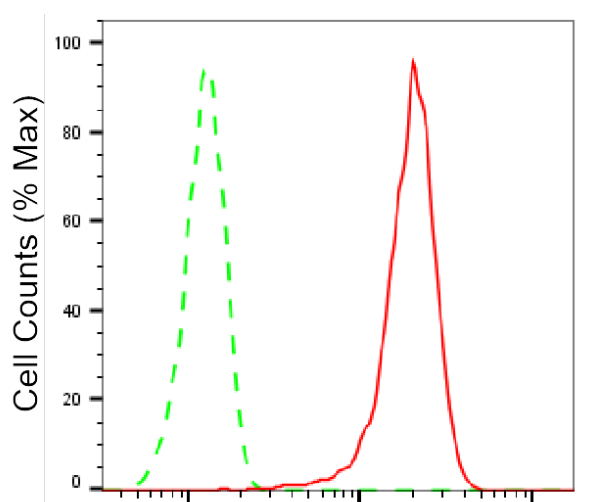
Copyright ©2025 Genuin Biotechnologies LLC

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.



Copyright ©2025 Genuin Biotechnologies LLC

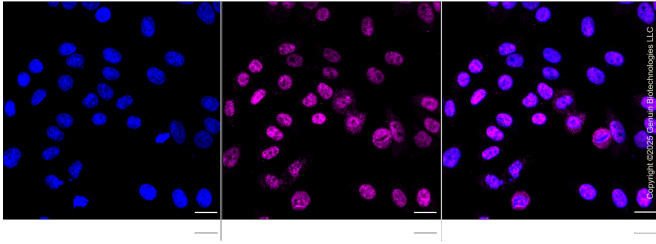
Western blotting analysis using anti-adenosine deaminase RNA specific antibody (Cat#ABG1362). Adenosine deaminase RNA specific expression in wild-type (WT) and adenosine deaminase RNA specific (ADAR) knockdown (KD) 293T cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The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



Copyright ©2025 Genuin Biotechnologies LLC

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.

Adenosine deaminase RNA specific-Alexa Fluor® 647



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  $\mu$ m.