

# KD-Validated Anti-KHDRBS1 Rabbit Monoclonal Antibody

*Rabbit monoclonal antibody*

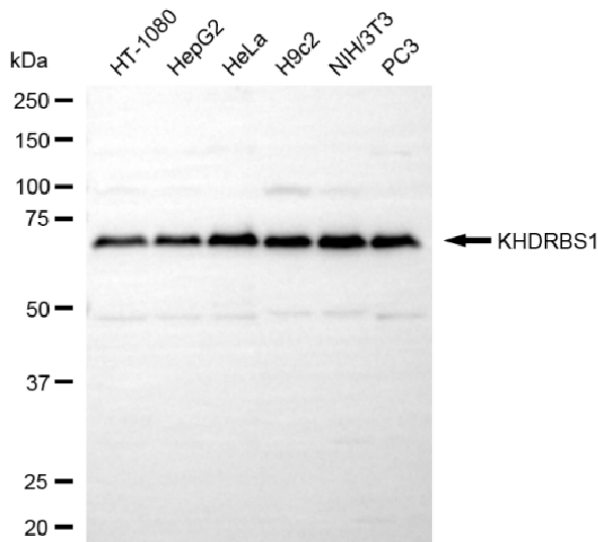
ABG1400

## Product Overview

|                             |                                                                                                            |
|-----------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Name</b>                 | KD-Validated Anti-KHDRBS1 Rabbit Monoclonal Antibody                                                       |
| <b>Accession(Primary)</b>   | Q07666                                                                                                     |
| <b>Host Species</b>         | Rabbit                                                                                                     |
| <b>Clonality</b>            | Monoclonal                                                                                                 |
| <b>Isotype</b>              | Rabbit IgG                                                                                                 |
| <b>Immunogen</b>            | A synthesized peptide derived from human SAM68                                                             |
| <b>Species Reactivity</b>   | Human, Mouse, Rat                                                                                          |
| <b>Calculated MW</b>        | Predicted, 48 kDa; observed, 68 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): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000 |

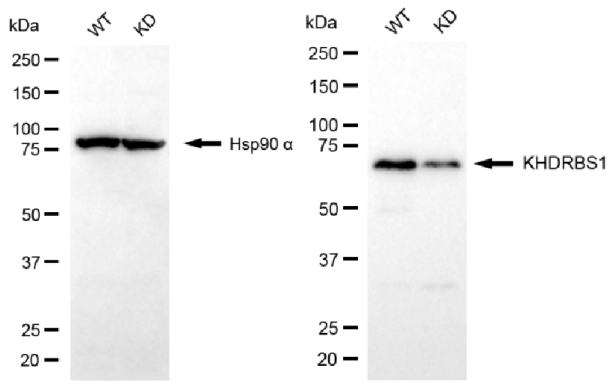
## Target information (Q07666)

|                          |                                                                                                                                                                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | KHDRBS1                                                                                                                                                                                                                                                                                                                               |
| <b>About Gene Symbol</b> | KHDRBS1 (KH RNA Binding Domain Containing, Signal Transduction Associated 1) is a GTPase-activating protein involved in cell cycle regulation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets. |



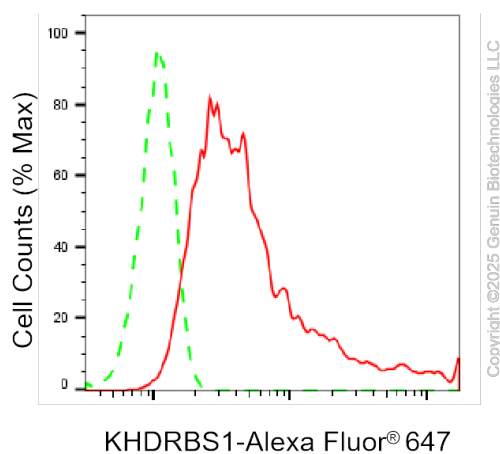
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Western blotting analysis using anti-KHDRBS1 antibody (Cat#ABG1400). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-KHDRBS1 antibody (Cat#ABG1400, 1:5,000) and HRP-conjugated goat anti rabbit secondary antibody respectively.



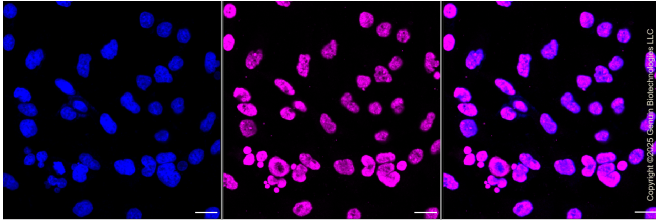
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Western blotting analysis using anti-KHDRBS1 antibody (Cat#ABG1400). KHDRBS1 expression in wild type (WT) and KHDRBS1 knockdown (KD) HSHC cells with 20  $\mu$ g of total cell lysates. Hsp90  $\alpha$  serves as a loading control. The blot was incubated with anti-KHDRBS1 antibody (Cat#ABG1400, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of KHDRBS1 expression in HeLa cells using anti-KHDRBS1 antibody (Cat#ABG1400, 1:2,000). Green, isotype control; red, KHDRBS1.



Immunocytochemical staining of HeLa cells with anti-KHDRBS1 antibody (Cat#ABG1400, 1:1,000). Nuclei were stained blue with DAPI; KHDRBS1 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  $\mu$ m.