

# KD-Validated Anti-RALY Mouse Oligoclonal Antibody

*Mouse oligoclonal antibody*

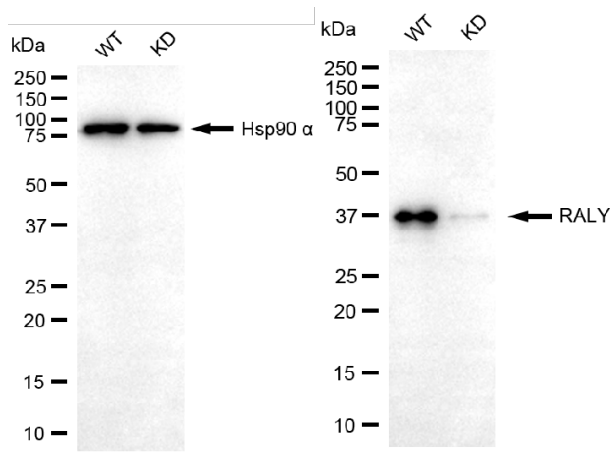
ABG2224

## Product Overview

|                             |                                                                                                                  |
|-----------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>                 | KD-Validated Anti-RALY Mouse Oligoclonal Antibody                                                                |
| <b>Accession(Primary)</b>   | Q9UKM9                                                                                                           |
| <b>Host Species</b>         | Mouse                                                                                                            |
| <b>Clonality</b>            | Oligoclonal                                                                                                      |
| <b>Isotype</b>              | Mouse IgG                                                                                                        |
| <b>Immunogen</b>            | Recombinant protein of human RALY                                                                                |
| <b>Species Reactivity</b>   | Human                                                                                                            |
| <b>Calculated MW</b>        | Predicted, 32 kDa; observed, 37 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): 1:500-1:2,500<br>Flow Cytometry (FCM): 1:2,000<br>Immunocytochemistry (IC): 1:100-1:1,000 |

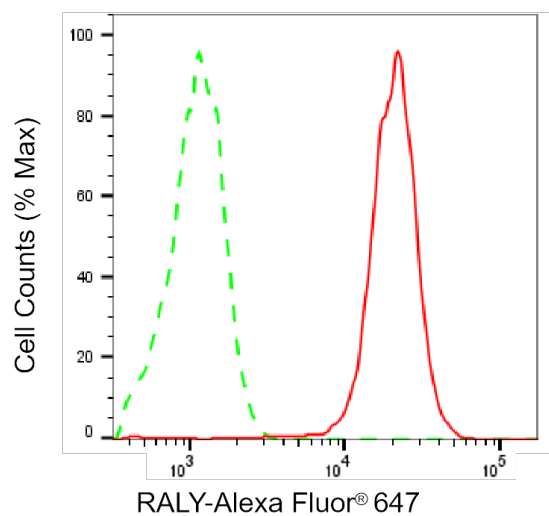
## Target information (Q9UKM9)

|                          |                                                                                                                                                                                                                                                                 |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | RALY                                                                                                                                                                                                                                                            |
| <b>About Gene Symbol</b> | RALY (RALY Heterogeneous Nuclear Ribonucleoprotein) is a protein kinase and signaling regulator involved in adaptive immunity. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate |



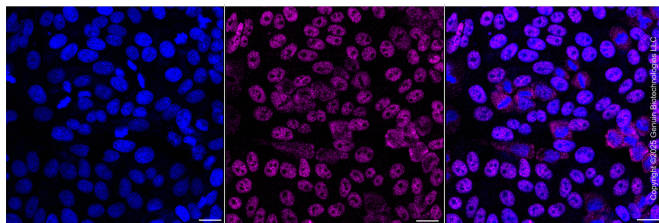
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Western blotting analysis using anti-RALY antibody (Cat#ABG2224). RALY expression in wild-type (WT) and RALY knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90α serves as a loading control. The blot was incubated with anti-RALY antibody (Cat#ABG2224, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.

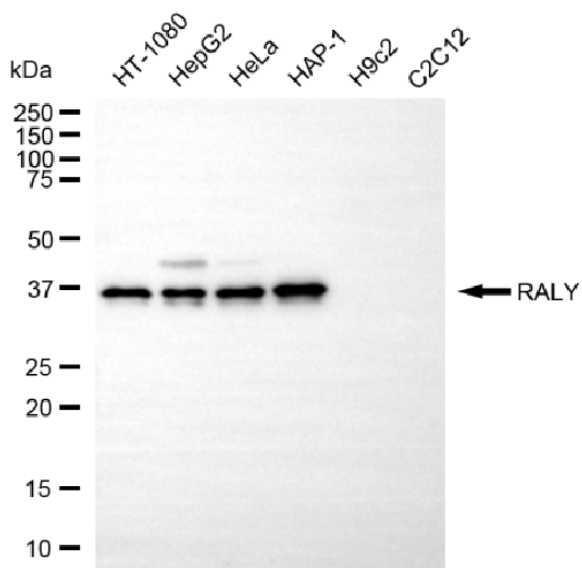


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Flow cytometric analysis of RALY expression in HepG2 cells using anti-RALY antibody (Cat#ABG2224, 1:2,000). Green, isotype control; red, RALY.



Immunocytochemical staining of HepG2 cells with anti-RALY antibody (Cat#ABG2224, 1:1,000). Nuclei were stained blue with DAPI; RALY 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-RALY antibody (Cat#ABG2224). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-RALY antibody (Cat#ABG2224, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.