

# KD-Validated Anti-TRIM47 Mouse Monoclonal Antibody

*Mouse monoclonal antibody*

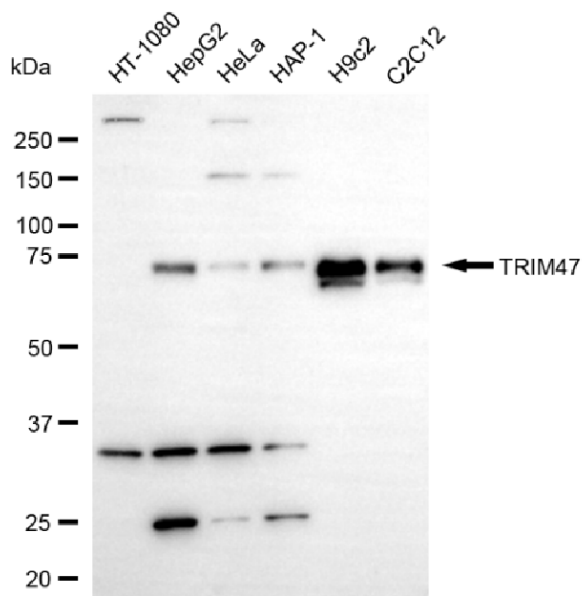
ABG2187

## Product Overview

|                             |                                                                           |
|-----------------------------|---------------------------------------------------------------------------|
| <b>Name</b>                 | KD-Validated Anti-TRIM47 Mouse Monoclonal Antibody                        |
| <b>Accession(Primary)</b>   | Q96LD4                                                                    |
| <b>Host Species</b>         | Mouse                                                                     |
| <b>Clonality</b>            | Monoclonal                                                                |
| <b>Isotype</b>              | Mouse IgG1                                                                |
| <b>Immunogen</b>            | Recombinant protein of human TRIM47                                       |
| <b>Species Reactivity</b>   | Human, Mouse, Rat                                                         |
| <b>Calculated MW</b>        | Predicted, 70 kDa, observed, 74 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): 1:200-1:1,000                                      |

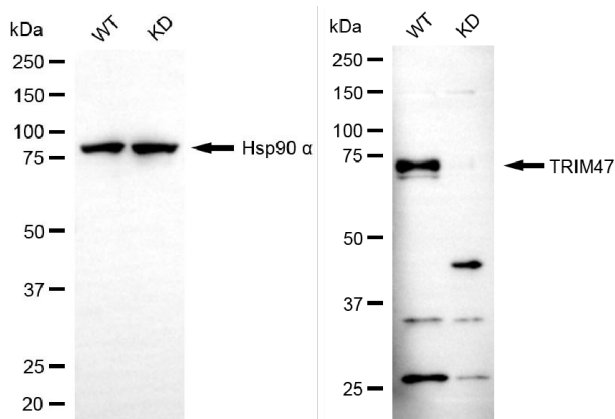
## Target information (Q96LD4)

|                          |                                                                                                                                                                                                                                                                                                    |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | TRIM47                                                                                                                                                                                                                                                                                             |
| <b>About Gene Symbol</b> | TRIM47 (Tripartite Motif Containing 47) is a ubiquitin E3 ligase involved in ubiquitin-proteasome pathway. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets. |



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Western blotting analysis using anti-TRIM47 antibody (Cat#ABG2187). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-TRIM47 antibody (Cat#ABG2187, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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Western blotting analysis using anti-TRIM47 antibody (Cat#ABG2187). TRIM47 expression in wild-type (WT) and TRIM47 knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-TRIM47 antibody (Cat#ABG2187, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.