

# KD-Validated Anti-Tripartite Motif containing 24 Rabbit Monoclonal Antibody

*Rabbit monoclonal antibody*

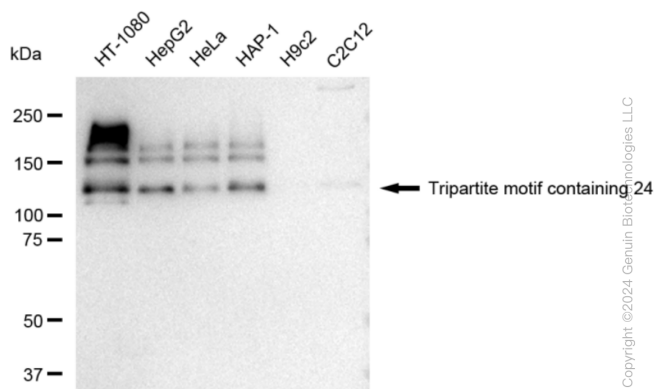
ABG1415

## Product Overview

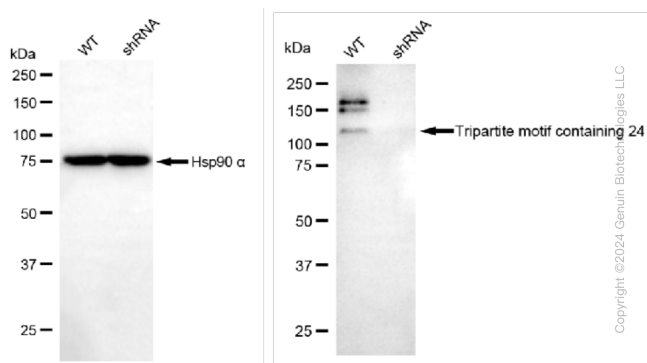
|                             |                                                                                                        |
|-----------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Name</b>                 | KD-Validated Anti-Tripartite motif containing 24 Rabbit Monoclonal Antibody                            |
| <b>Accession(Primary)</b>   | O15164                                                                                                 |
| <b>Host Species</b>         | Rabbit                                                                                                 |
| <b>Clonality</b>            | Monoclonal                                                                                             |
| <b>Isotype</b>              | Rabbit IgG                                                                                             |
| <b>Immunogen</b>            | A synthesized peptide derived from human TRIM24                                                        |
| <b>Species Reactivity</b>   | Human                                                                                                  |
| <b>Calculated MW</b>        | Predicted, 117 kDa , observed, 130 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 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000 |

## Target information (O15164)

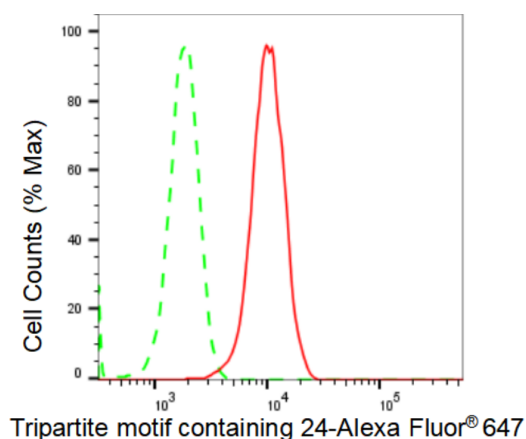
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|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | TRIM24                                                                                                                                                                                                                                                                                      |
| <b>About Gene Symbol</b> | TRIM24 (Tripartite Motif Containing 24) is a ubiquitin E3 ligase involved in ubiquitin-proteasome pathway. It is an important research target in gene regulation, development, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets. |



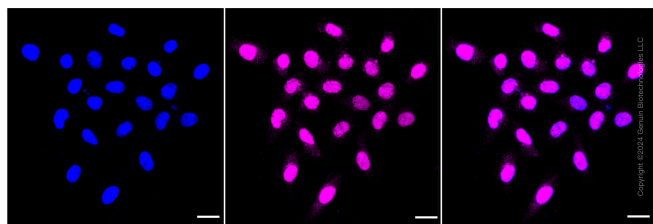
Western blotting analysis using anti-Tripartite motif containing 24 antibody (Cat#ABG1415). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Tripartite motif containing 24 antibody (Cat#ABG1415, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-Tripartite motif containing 24 antibody (Cat#ABG1415). Tripartite motif containing 24 expression in wild type (WT) and Tripartite motif containing 24 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Tripartite motif containing 24 antibody (Cat#ABG1415, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Tripartite motif containing 24 expression in HepG2 cells using Tripartite motif containing 24 antibody (Cat#ABG1415, 1:2,000). Green, isotype control; red, Tripartite motif containing 24.



Immunocytochemical staining of HepG2 cells with Tripartite motif containing 24 antibody (Cat#ABG1415, 1:1,000). Nuclei were stained blue with DAPI; Tripartite motif containing 24 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.