

# KD-Validated Anti-Vasodilator stimulated phosphoprotein Rabbit monoclonal antibody

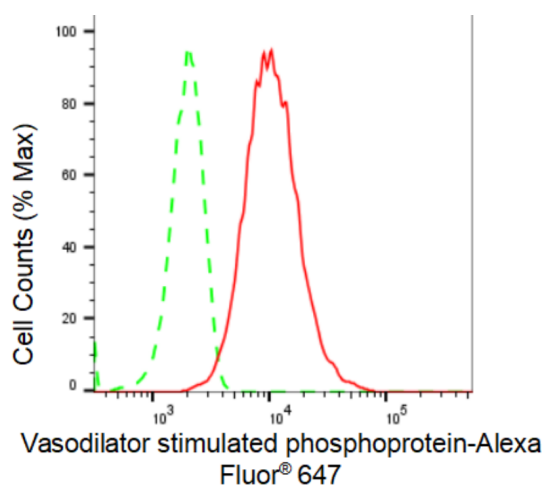
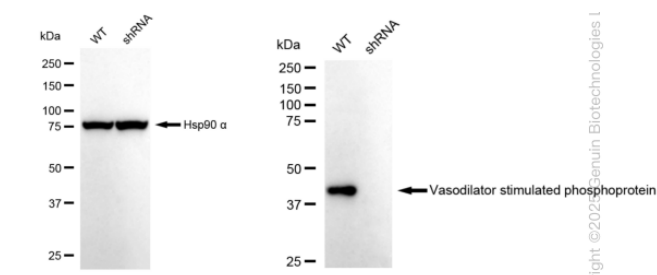
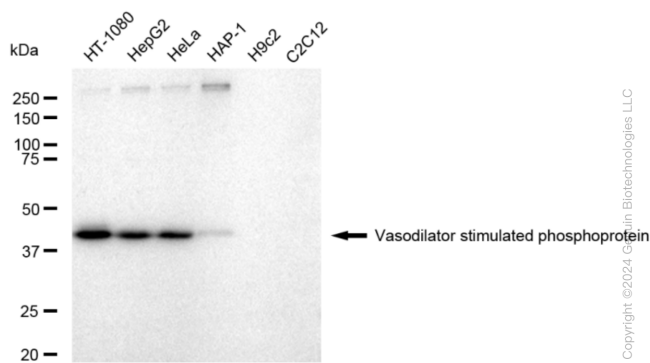
ABG1470

## Product Overview

|                             |                                                                                                        |
|-----------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Name</b>                 | KD-Validated Anti-Vasodilator stimulated phosphoprotein Rabbit Monoclonal Antibody                     |
| <b>Accession(Primary)</b>   | P50552                                                                                                 |
| <b>Host Species</b>         | Rabbit                                                                                                 |
| <b>Clonality</b>            | Monoclonal                                                                                             |
| <b>Isotype</b>              | Rabbit IgG                                                                                             |
| <b>Immunogen</b>            | A synthesized peptide derived from human VASP                                                          |
| <b>Species Reactivity</b>   | Human                                                                                                  |
| <b>Calculated MW</b>        | Predicted, 40 kDa , observed, 46 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 (P50552)

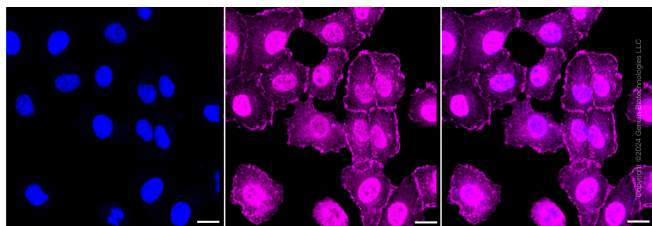
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|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | VASP                                                                                                                                                                                                                                                                                                                          |
| <b>About Gene Symbol</b> | VASP (Vasodilator Stimulated Phosphoprotein) is a protein kinase and signaling regulator involved in cell signaling and proliferation. 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. |



Western blotting analysis using anti-Vasodilator stimulated phosphoprotein antibody (Cat#ABG1470). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Vasodilator stimulated phosphoprotein antibody (Cat#ABG1470, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

Western blotting analysis using anti-Vasodilator stimulated phosphoprotein antibody (Cat#ABG1470). Vasodilator stimulated phosphoprotein expression in wild type (WT) and Vasodilator stimulated phosphoprotein (VASP) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Vasodilator stimulated phosphoprotein antibody (Cat#ABG1470, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

Flow cytometric analysis of Vasodilator stimulated phosphoprotein expression in HT-1080 cells using Vasodilator stimulated phosphoprotein antibody (Cat#ABG1470, 1:2,000). Green, isotype control; red, Vasodilator stimulated phosphoprotein.



Immunocytochemical staining of HT-1080 cells with Vasodilator stimulated phosphoprotein antibody (Cat#ABG1470, 1:1,000). Nuclei were stained blue with DAPI; Vasodilator stimulated phosphoprotein 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.