

VSV-G-tag Antibody

Catalog No: #48120



Package Size: #48120-1 50ul #48120-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

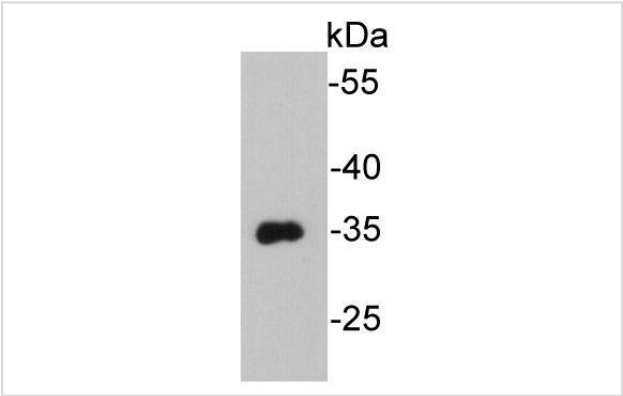
Description

|                       |                                                                                                                                                           |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | VSV-G-tag Antibody                                                                                                                                        |
| Host Species          | Mouse                                                                                                                                                     |
| Clonality             | Monoclonal                                                                                                                                                |
| Clone No.             | E0-G7                                                                                                                                                     |
| Purification          | ProA affinity purified                                                                                                                                    |
| Applications          | WB, IP                                                                                                                                                    |
| Immunogen Description | peptide                                                                                                                                                   |
| Other Names           | Vesicular stomatitis virus glycoprotein tag antibody VSV epitope tag antibody VSV tag antibody VSV-G epitope tag antibody VSVG antibody vsvg tag antibody |
| Accession No.         | Swiss-Prot#:                                                                                                                                              |
| Formulation           | 1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.                                                                                      |
| Storage               | Store at -20°C                                                                                                                                            |

Application Details

WB: 1:1,000-5,000

Images



Western blot analysis on recombinant VSV-G-tag protein using anti-VSV-G-tag Mouse mAb.

Background

Vesicular Stomatitis Virus (VSV) is an arbovirus in the family Rhabdoviridae, order Mononegavirales. VSV infects insects and mammals. The genome of VSV is a negative-sense RNA strand that encodes five major proteins: glycoprotein (G), matrix protein (M), nucleoprotein (NC), large protein (L) and phosphoprotein. The L protein and the phosphoprotein combine to catalyze the replication of VSVβ s mRNA. After endocytosis, the G protein facilitates VSVβ s entry into the cell by controlling virus attachment to the host cell as well as fusion of the viral envelope with the endosomal membrane. Transport of the G protein from the endoplasmic reticulum (ER) to the plasma membrane (PM) is temperature sensitive. Because of this property, VSV is commonly used in research labs to study the properties of viruses in the Rhabdoviridae family, and to study viral evolution.

## References

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1. Niemel EH et al. Global analysis of the nuclear processing of transcripts with unspliced U12-type introns by the exosome. *Nucleic Acids Res* 42:7358-69 (2014).
2. J ger W et al. Ultrasound-guided intramural inoculation of orthotopic bladder cancer xenografts: a novel high-precision approach. *PLoS One* 8:e59536 (2013).

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.