

## VSV-G-Tag Mouse Monoclonal Antibody (8D6)

**CATALOG NUMBER:** C1325

**QUANTITY:** 50 $\mu$ L

**DESCRIPTION:** Vesicular stomatitis virus (VSV), an enveloped RNA virus from the Rhabdoviridae family, is released from the plasma membrane of host cells by a process called budding. The fusigenic envelope G glycoprotein of the vesicular stomatitis virus (VSV-G) that has been used to pseudotype retrovirus and lentivirus vectors can be used alone as an efficient vehicle for gene transfer. VSV-G protein is secreted into the culture medium as sedimentable vesicles from cells transfected with a VSV-G expression plasmid in the absence of other viral components.

**SPECIFICITY:** The VSV-G tag antibody can recognize C-terminal, internal, and N-terminal VSV-G-tag fusion proteins.

**ISOTYPE:** IgG1

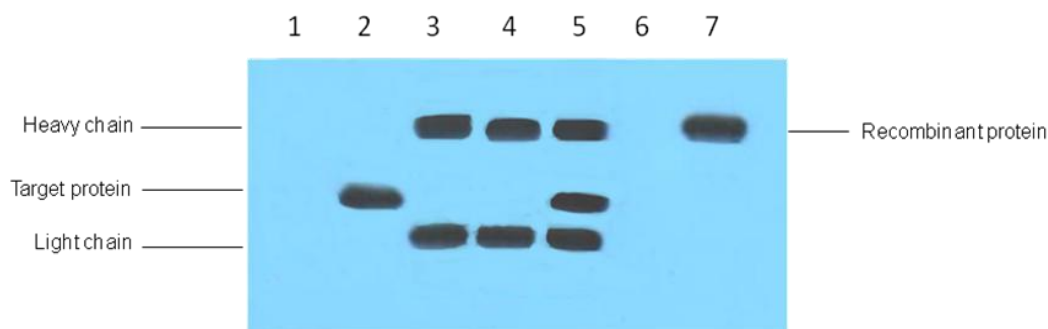
**TESTED APPLICATIONS:** Western Blot, Immunoprecipitation, Immunofluorescence

**APPLICATIONS:** WB: 1:5,000 IP: 1:200 IF: 1:1000

**\*NOTE:** Optimal working dilutions must be determined by the end user

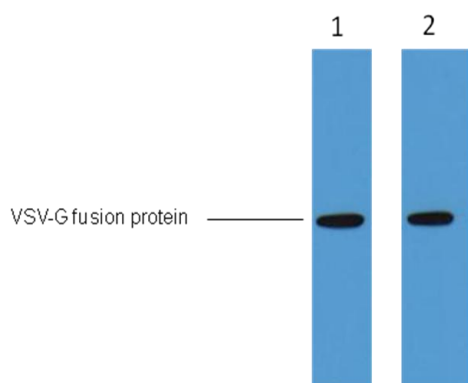
**STORAGE/HANDLING:** PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol. Store at -20°C. **Do not aliquot the antibody.**

### Immunoprecipitation:



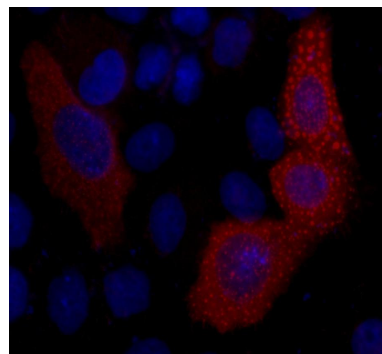
IP antibody use: 5 $\mu$ g V5 Mouse IgG1 per ml Lysate, WB 1:5000

- 1、untransfected 293 cell lysate
- 2、transfected 293 cell lysate with VSV-G-tag fusion protein
- 3、IP(untransfected 293+anti-VSV-G mAb+Protein G agarose)
- 4、IP (transfected 293+ normal Mouse IgG+Protein G agarose)
- 5、IP (transfected 293+anti-VSV-G mAb+ Protein G agarose)
- 6、IP (transfected 293+Protein G)
- 7、Recombinant protein (*E.coli*)

**Western Blot**

1ug VSV-G fusion protein+ Primary antibody dilution  
at

- 1、 1:5,000
- 2、 1:10, 000

**Immunofluorescence**

IF analysis of 293 cells transfected with  
a VSV-G tag protein, using anti-  
VSV-G-Tag Mouse mAb at a 1:2000  
dilution (blue DAPI, red anti-VSV-G)

***For research use only; not for use as a diagnostic.***

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