



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

|                    |                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No         | BYab-04728                                                                                                                                                                                                                                                                                                                                                                                                |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                                                                                                                       |
| Reactivity         | Species independent                                                                                                                                                                                                                                                                                                                                                                                       |
| Applications       | WB;IP;IF                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Name          |                                                                                                                                                                                                                                                                                                                                                                                                           |
| Protein Name       |                                                                                                                                                                                                                                                                                                                                                                                                           |
| Immunogen          | Synthetic Peptide of VSV-G-Tag                                                                                                                                                                                                                                                                                                                                                                            |
| Specificity        | The antibody detects C-terminal, internal, and N-terminal VSV-G fusion proteins.                                                                                                                                                                                                                                                                                                                          |
| Formulation        | PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.                                                                                                                                                                                                                                                                                                                     |
| Source             | Monoclonal, Mouse                                                                                                                                                                                                                                                                                                                                                                                         |
| Purification       | The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.                                                                                                                                                                                                                                                                                                |
| Dilution           | WB: 1:5000 IP: 1:200 IF: 1:1000                                                                                                                                                                                                                                                                                                                                                                           |
| Concentration      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                   |
| Purity             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                      |
| Storage Stability  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                              |
| Synonyms           |                                                                                                                                                                                                                                                                                                                                                                                                           |
| Observed Band      |                                                                                                                                                                                                                                                                                                                                                                                                           |
| Cell Pathway       |                                                                                                                                                                                                                                                                                                                                                                                                           |
| Tissue Specificity |                                                                                                                                                                                                                                                                                                                                                                                                           |
| Function           |                                                                                                                                                                                                                                                                                                                                                                                                           |
| Background         | The fusiogenic 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. The VSV-G epitope tag is commonly engineered onto the N- or C- terminus of a protein of interest so that the tagged protein can be analyzed and visualized using immunochemical methods. |

Nanjing BYabscience technology Co.,Ltd

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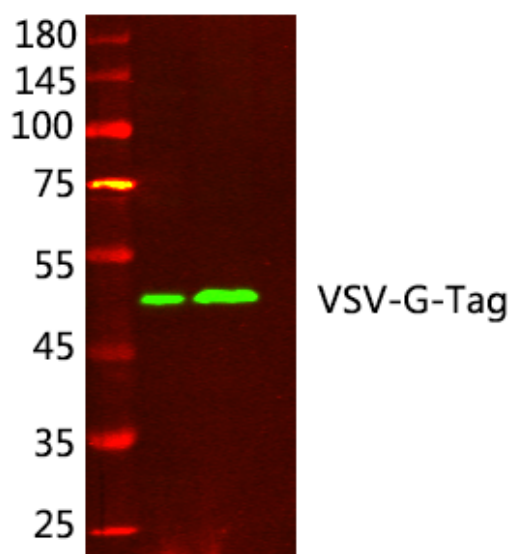
**matters needing attention**

Avoid repeated freezing and thawing!

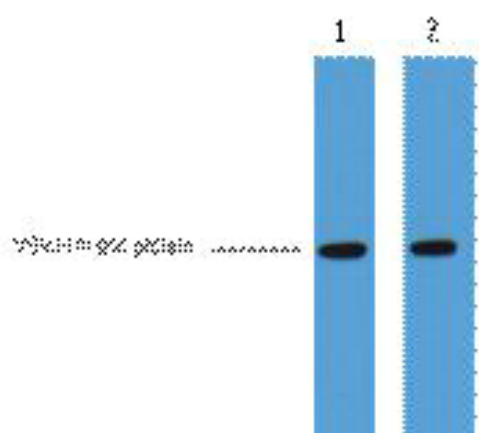
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**



Western blot analysis of VSV-G-TAG protein, primary antibody was diluted at 1:1000, 4° over night, secondary antibody(cat: RS23920 was diluted at 1:10000, 37° 1hour.



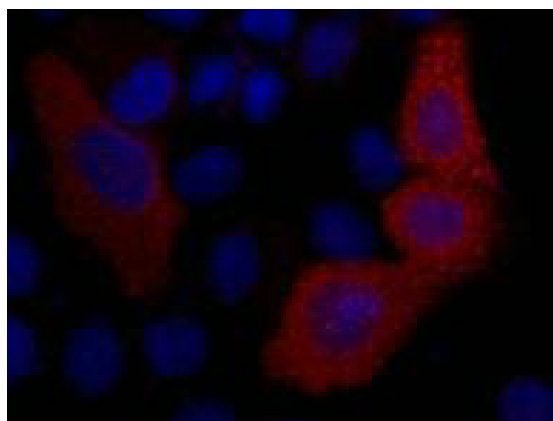
1ug VSV-G fusion protein+ Primary antibody dilution at  
1) 1:5000 2) 1:10000

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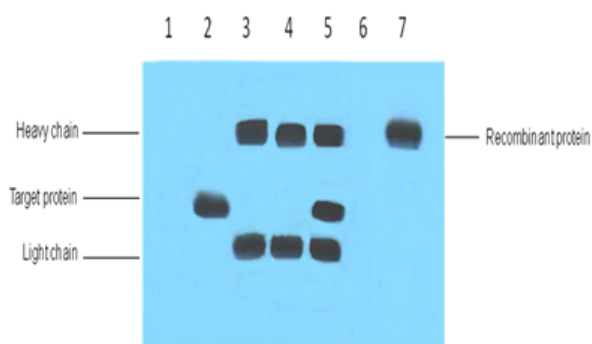
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IF analysis of 293T cells transfected with a VSV-G-tagged protein, 1:2000 dilution (blue DAPI, red anti-VSV-G)



IP antibody use: 5ug VSV-G 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)