



## Anti-VSV-G-Tag Mouse Monoclonal Antibody (14D2)

Cat #: A02180

Size: 50µl/200µl/200µl×5

### Product Information

	<b>Product Name:</b> Anti-VSV-G-Tag Mouse Monoclonal Antibody (14D2)		
	<b>Applications:</b> WB, IF, IP		<b>Isotype:</b> Mouse IgG
	<b>Reactivity:</b> All Species Expected		
<b>REF</b>	<b>Catalog Number:</b> A02180	<b>LOT</b>	<b>Lot Number:</b> Refer to product label
	<b>Formulation:</b> Liquid		<b>Concentration:</b> 1 mg/ml
	<b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles.		<b>Note:</b> Contain sodium azide.

**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.

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:5000), IF (1:1000), IP (1:200).

**Storage Buffer:** Liquid in PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

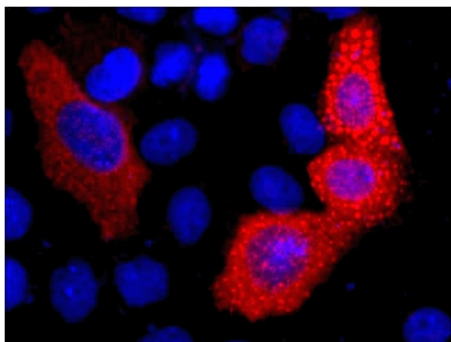


Fig.1. Immunofluorescence staining (1:1000) of VSV-G fusion protein in 293 cells with red and counterstained with DAPI.

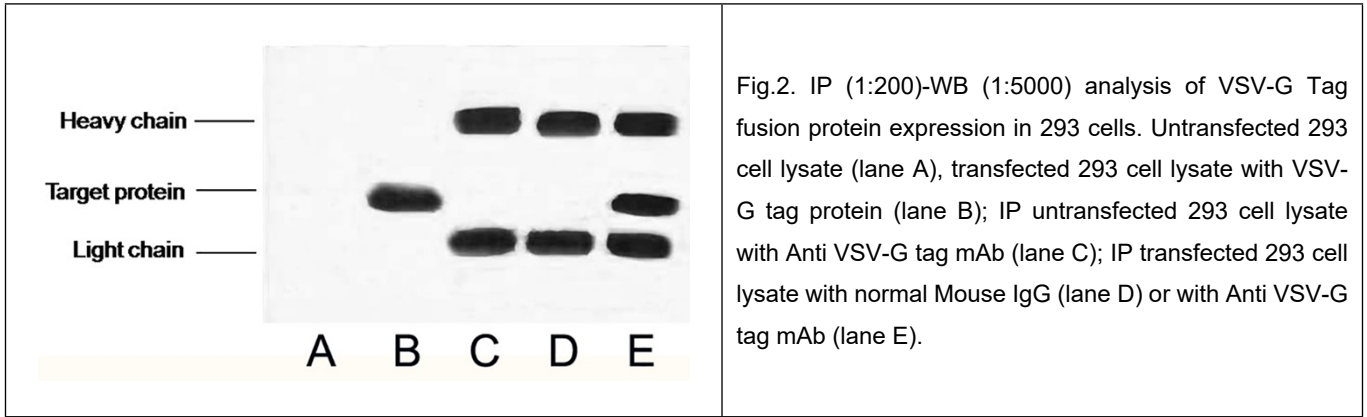


Fig.2. IP (1:200)-WB (1:5000) analysis of VSV-G Tag fusion protein expression in 293 cells. Untransfected 293 cell lysate (lane A), transfected 293 cell lysate with VSV-G tag protein (lane B); IP untransfected 293 cell lysate with Anti VSV-G tag mAb (lane C); IP transfected 293 cell lysate with normal Mouse IgG (lane D) or with Anti VSV-G tag mAb (lane E).

**Note:** The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.