



VSV-G Tag Monoclonal Antibody

A02180



Product Information

	Product Name: Anti-VSV-G-Tag Mouse Monoclonal Antibody (14D2)		
	Applications: WB, IF, IP		Isotype: Mouse IgG1
REF	Catalog Number: A02180	LOT	Lot Number: Refer to vial
	Formulation: Liquid		Size: 50ul/200ul/1ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: 0.02% 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 (1:1,000-1:10,000), IF (1:200-1:2,000) and IP (1:100-1:500).

Storage Buffer: PBS, pH 7.4, containing 0.02% sodium azide as preservative and 50% glycerol as stabilizer.

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.

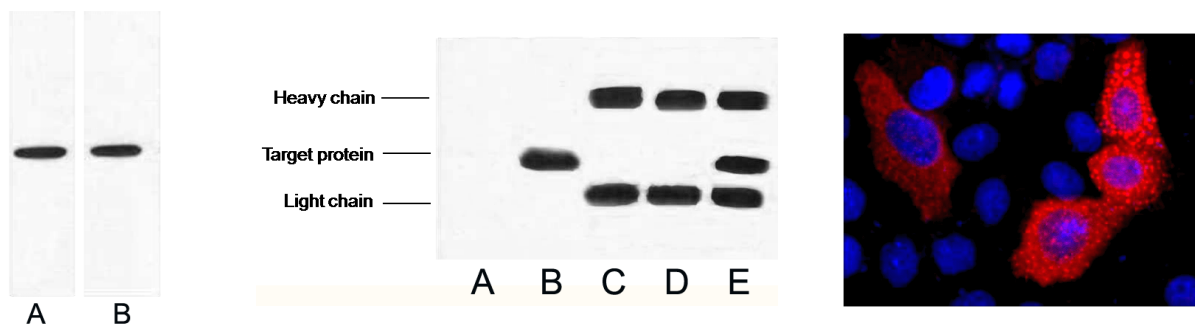


Fig. 1. WB analysis of 1ug VSV-G fusion protein with Anti-VSV-G mouse monoclonal antibody in 1:5,000 (line A) and 1:10,000 (line B) dilutions. **Fig. 2.** IP (1:200) - WB (1:5,000) analysis of VSV-G Tag fusion protein expression in 293 cells. Untransfected 293 cell lysate (line A), transfected 293 cell lysate with VSV-G tag protein (line B); IP untransfected 293 cell lysate with Anti VSV-G tag mAb (line C); IP transfected 293 cell lysate with normal Mouse IgG (line D) or with Anti VSV-G tag mAb (line E). **Fig. 3.** IF staining (1:1,000) of VSV-G fusion protein in 293 cells with red and counterstained with DAPI.

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