

## Product overview

product name	Anti VSV-G tag mouse monoclonal antibody
catalog No.	ATMA01891Mo
Category	Primary antibody
Host	Mouse
Species specificity	Recognizes VSV-G tagged fusion proteins.
Tested applications	WB, ELISA
Clonality	Monoclonal
Clone No.	16F1
Conjugation	Unconjugated
Immunogen	Synthetic peptide YTDIEMNRLGK conjugated KLH.
Alternative Names	VSV-G
Uniprot ID	/

## Product performance

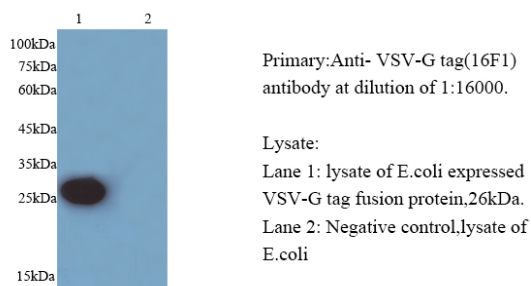
Form	Liquid
Buffer	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN <sub>3</sub> , 50% glycerol.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4 °C for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt.
Concentration	0.5mg/ml
Isotype	IgG2b
MW	/
Purity	Protein G purification

## Dilution range

WB: 1:8000-1:16000

## Product experiment picture





## Product background

Vesicular stomatitis virus (VSV) is a well studied, enveloped, negative-strand RNA virus. The VSV genome encodes for 5 proteins: N, P, M, G, and L. The G protein (glycoprotein) is located at the virion surface and is responsible for virus attachment and penetration. Additionally, many lentiviral vectors are pseudotyped with VSV-G from the Indiana serotype. Vesicular stomatitis virus (VSV) is released from the plasma membrane of host cells by a process called budding. The glycoprotein (VSV-g) contains a domain in its extracellular membrane proximal stem that appears to be needed for efficient VSV budding.