

## Datasheet: MCA1352B

<b>Description:</b>	MOUSE ANTI GST:Biotin
<b>Specificity:</b>	GST
<b>Other names:</b>	GLUTATHIONE-S-TRANSFERASE
<b>Format:</b>	Biotin
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	vpg66
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	0.1 mg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			
Immunoprecipitation			▪	
Western Blotting	▪			1/100 - 1/500

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

<b>Product Form</b>	Purified IgG conjugated to Biotin - liquid
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide
<b>Approx. Protein Concentrations</b>	IgG concentration 0.1mg/ml
<b>Immunogen</b>	GST from <i>Schistosoma japonicum</i> .
<b>Fusion Partners</b>	Spleen cells from immunised BALB/c mice were fused with cells of the mouse NS0 myeloma cell line.
<b>Specificity</b>	<b>Mouse anti GST antibody, clone vpg66</b> reacts with Glutathione-S-transferase
<b>References</b>	1. Harris, M.P. & Neil, J.C. (1994) Myristoylation-dependent binding of HIV-1 Nef to CD4. <a href="#">J Mol</a>

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3. Shelton, H. & Harris, M. (2008) Hepatitis C virus NS5A protein binds the SH3 domain of the Fyn tyrosine kinase with high affinity: mutagenic analysis of residues within the SH3 domain that contribute to the interaction. [Virol J. 5: 24.](#)
4. Foster, T.L. *et al.* (2011) Cyclophilin A interacts with domain II of hepatitis C virus NS5A and stimulates RNA binding in an isomerase-dependent manner. [J Virol. 85: 7460-4.](#)
5. Elfgang, C. *et al.* (1999) Evidence for specific nucleocytoplasmic transport pathways used by leucine-rich nuclear export signals. [Proc Natl Acad Sci U S A. 96: 6229-34.](#)
6. Davis, M.P. (2008) Recombinant VP4 of human rhinovirus induces permeability in model membranes. [J Virol. 82: 4169-74.](#)
7. Heger, P. *et al.* (1998) Multimer formation is not essential for nuclear export of human T-cell leukemia virus type 1 Rex trans-activator protein. [J Virol. 72: 8659-68.](#)
8. Lischka, P. *et al.* (2001) A novel transferable nuclear export signal mediates CRM1-independent nucleocytoplasmic shuttling of the human cytomegalovirus transactivator protein pUL69. [EMBO J. 20: 7271-83.](#)

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**Storage**

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Shelf Life**

18 months from date of despatch.

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**Health And Safety Information**

Material Safety Datasheet documentation #10040 available at:  
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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**Regulatory**

For research purposes only

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