

## 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>RRID</b>	AB_322967

<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>	<ol style="list-style-type: none"> <li>Harris, M.P. &amp; Neil, J.C. (1994) Myristoylation-dependent binding of HIV-1 Nef to CD4. <a href="#">J Mol Biol. 241 (2): 136-42.</a></li> <li>Blüggel, M. <i>et al.</i> (2011) Toward protein biomarkers for allergy: CD4+ T cell proteomics in allergic and nonallergic subjects sampled in and out of pollen season. <a href="#">J Proteome Res. 10 (4): 1558-70.</a></li> <li>Shelton, H. &amp; 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. <a href="#">Virology J. 5: 24.</a></li> <li>Foster, T.L. <i>et al.</i> (2011) Cyclophilin A interacts with domain II of hepatitis C virus NS5A and stimulates RNA binding in an isomerase-dependent manner. <a href="#">J Virol. 85: 7460-4.</a></li> <li>Elfgang, C. <i>et al.</i> (1999) Evidence for specific nucleocytoplasmic transport pathways used by leucine-rich nuclear export signals. <a href="#">Proc Natl Acad Sci U S A. 96: 6229-34.</a></li> <li>Davis, M.P. (2008) Recombinant VP4 of human rhinovirus induces permeability in model membranes. <a href="#">J Virol. 82: 4169-74.</a></li> <li>Heger, P. <i>et al.</i> (1998) Multimer formation is not essential for nuclear export of human T-cell leukemia virus type 1 Rex trans-activator protein. <a href="#">J Virol. 72: 8659-68.</a></li> <li>Lischka, P. <i>et al.</i> (2001) A novel transferable nuclear export signal mediates CRM1-independent nucleocytoplasmic shuttling of the human cytomegalovirus transactivator protein pUL69. <a href="#">EMBO J. 20: 7271-83.</a></li> </ol>
<b>Storage</b>	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: 10040: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>
<b>Regulatory</b>	For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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