

Datasheet: MCA1352B

BATCH NUMBER 161356

Description:	MOUSE ANTI GST:Biotin
Specificity:	GST
Other names:	GLUTATHIONE-S-TRANSFERASE
Format:	Biotin
Product Type:	Monoclonal Antibody
Clone:	vpg66
Isotype:	IgG1
Quantity:	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.

	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.

Product Form	Purified IgG conjugated to Biotin - liquid
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide
Approx. Protein Concentrations	IgG concentration 0.1mg/ml
Immunogen	GST from <i>Schistosoma japonicum</i> .

RRID AB_322967

Fusion Partners Spleen cells from immunised BALB/c mice were fused with cells of the mouse NS0 myeloma cell line.

Specificity **Mouse anti GST antibody, clone vpg66** reacts with Glutathione-S-transferase

References

1. Harris, M.P. & Neil, J.C. (1994) Myristoylation-dependent binding of HIV-1 Nef to CD4. [J Mol Biol. 241 \(2\): 136-42.](#)
2. Blüggel, M. *et al.* (2011) Toward protein biomarkers for allergy: CD4+ T cell proteomics in allergic and nonallergic subjects sampled in and out of pollen season. [J Proteome Res. 10 \(4\): 1558-70.](#)
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. [Virology. 378: 24-33.](#)
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.](#)

Storage 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.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/MCA1352B>
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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

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