Datasheet: MCA1352B

BATCH NUMBER 0313

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 *Schistosoma japonicum*.

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. 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.
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.
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 10040
Regulatory	For research purposes only

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