

Datasheet: MCA1352

Description:	MOUSE ANTI GST
Specificity:	GST
Other names:	GLUTATHIONE-S-TRANSFERASE
Format:	S/N
Product Type:	Monoclonal Antibody
Clone:	vpg66
Isotype:	IgG1
Quantity:	2 ml

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
Immunofluorescence	■			

Where this product 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 product for use in their own system using appropriate negative/positive controls.

Product Form	Tissue Culture Supernatant - liquid
Preparation	Tissue Culture Supernatant containing 0.2M Tris/HCl pH7.4 and 5-10% foetal calf serum
Preservative Stabilisers	0.1% Sodium Azide
Immunogen	GST from <i>Schistosoma japonicum</i> .
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. <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. [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. Elfngang, 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 for one month or at -20°C for longer.

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.

Shelf Life

18 months from the date of despatch.

Health And Safety Information

Material Safety Datasheet documentation #10336 available at: 10336: <https://www.bio-rad-antibodies.com/uploads/MSDS/10336.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®549 , DyLight®649 , DyLight®680 , DyLight®800 , FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Goat Anti Mouse IgG (STAR70...)	FITC
Rabbit Anti Mouse IgG (STAR13...)	HRP
Human Anti Mouse IgG1 (HCA036...)	HRP

North & South America

Tel: +1 800 265 7376

Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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