

Datasheet: MCA561

Description:	MOUSE ANTI GUINEA PIG IgG
Specificity:	IgG
Format:	S/N
Product Type:	Monoclonal Antibody
Clone:	MsGp3
Isotype:	IgM
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			■	

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative positive controls.

Target Species	Guinea Pig
Product Form	Tissue Culture Supernatant containing 0.2M Tris/HCl pH7.2
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	<i>in vivo</i> passaged EN-L2C guinea pig leukaemia B cell line
External Database Links	UniProt: P01862 Related reagents
Fusion Partners	Spleen cells from an immunised BALB/c mice were fused with cells of the mouse NS1 myeloma cell line.
Specificity	Mouse anti Guinea pig IgG antibody, clone MsGp3 recognizes guinea pig immunoglobulin γ heavy chain and reacts with a subset of B lymphocytes in lymph nodes and is restricted to mantle zone B cells of the follicles. Approximately 30% of lymph node lymphocytes are labelled, and 50% of immunoglobulin positive cells. ELISA results suggest that this antibody detects immunoglobulin G with a higher affinity for IgG1.

References	1. Hiromatsu, K. <i>et al.</i> (2002) Characterization of guinea-pig group 1 CD1 proteins. Immunology. 106 (2): 159-72.
Storage	Store at +4°C for one month or at -20°C for longer. This product should be stored undiluted. 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 date of despatch.
Health And Safety Information	Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10055 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10055.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgM (STAR86...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgM (STAR138...)	Alk. Phos.
Human Anti Mouse IgM (HCA040...)	FITC , HRP

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