

Datasheet: MCA753

Description:	MOUSE ANTI GUINEA PIG MHC CLASS II POLYMORPHIC
Specificity:	MHC CLASS II POLYMORPHIC
Format:	Con S/N
Product Type:	Monoclonal Antibody
Clone:	CI.13.I
Isotype:	IgG2b
Quantity:	0.25 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	■			1/50 - 1/100
Immunohistology - Frozen	■			1/50 - 1/100
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. 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.

Target Species	Guinea Pig
Product Form	Tissue Culture Supernatant - liquid
Preparation	0.22 micron filtered Tissue Culture Supernatant
Preservative	0.1% Sodium Azide
Stabilisers	1% Bovine Serum Albumin
Immunogen	Guinea pig peritoneal T-cells.
Fusion Partners	Lymph node cells from immunized BALB/c mice were fused with cells of the X63.Ag8.653 mouse myeloma cell line.
Specificity	Mouse anti Guinea Pig MHC class II polymorphic antibody, clone CI-13.1 recognizes the MHC Class II epitope present on strain 13, but not strain 2 guinea pig cells. The antigen is also found in outbred Hartley guinea pigs.
Flow Cytometry	Use 10ul of the suggested working dilution to label 10^6 cells in 100ul.

References

1. Tan, B.T. *et al.* (1985) Production of monoclonal antibodies defining guinea pig T-cell surface markers and a strain 13 Ia-like antigen: the value of immunohistological screening. [Hybridoma. 4 \(2\): 115-24.](#)
2. Liversidge, J. & Forrester, J.V. (1988) Experimental autoimmune uveitis (EAU): immunophenotypic analysis of inflammatory cells in chorio retinal lesions. [Curr Eye Res. 7 \(12\): 1231-41.](#)
3. Shang, S. *et al.* (2011) Activities of TMC207, rifampin, and pyrazinamide against *Mycobacterium tuberculosis* infection in guinea pigs. [Antimicrob Agents Chemother. 55 \(1\): 124-31.](#)

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 #10495 available at:
10495: <https://www.bio-rad-antibodies.com/uploads/MSDS/10495.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
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 IgG2b (HCA038...)	FITC , HRP
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®549 , DyLight®649 , DyLight®680 , DyLight®800 , FITC , HRP

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