Datasheet: MCA1062

Description:	MOUSE ANTI MOUSE MHC CLASS I H-2Kd
Specificity:	MHC CLASS I H-2Kd
Format:	S/N
Product Type:	Monoclonal Antibody
Clone:	K3
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			▪	
Cytotoxic Assays			▪	

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	Mouse
Product Form	Tissue Culture Supernatant - liquid
Preservative Stabilisers	<0.1% Sodium Azide (NaN_3)
Immunogen	Spleen cells from DAB/2 mice.
RRID	AB_321607
Specificity	**Mouse anti Mouse MHC Class I H-2Kd antibody, clone K3** recognizes the murine MHC Class I H-2Kd haplotype. The major histocompatibility complex (MHC) is a cluster of

genes that are important in the immune response to infections. In mice, this complex is referred to as the histocompatibility 2 (H-2) region. There are 3 major MHC class I proteins encoded by the H-2 which are H-2K, H-2L and H-2D. The H- 2K gene is part of the murine H-2 complex on chromosome 17 and there are a large number of variant alleles of this gene.

Mouse anti Mouse MHC Class I H-2Kd antibody, clone K3 recognizes the H-2Kd determinant present on all nucleated cells of mice expressing this MHC class I haplotype.

References	1. Busund, L.T. *et al*. (2003) Spontaneously formed tumorigenic hybrids of Meth A sarcoma cells and macrophages in vivo. Int. J. Cancer. 106: 153-9.
Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. 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 #10055 available at: 10055: https://www.bio-rad-antibodies.com/uploads/MSDS/10055.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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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