

Datasheet: MCA1054PE

BATCH NUMBER 149528

Description:	MOUSE ANTI HUMAN CD59:RPE
Specificity:	CD59
Other names:	HRF, PROTECTIN
Format:	RPE
Product Type:	Monoclonal Antibody
Product Type: Clone:	Monoclonal Antibody MEM-43
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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				Neat

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	Human				
Product Form	Purified	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilized			
Reconstitution	Reconsti	Reconstitute with 1.0 ml distilled water			
Max Ex/Em	Fluoroph	ore	Excitation Max (nm)	Emission Max (nm)	
	RPE 4881	nm laser	496	578	
Preparation	Purified	gG prepared	by affinity chromatog	raphy on Protein A	
Buffer Solution	Phospha	te buffered sa	aline		
Preservative	0.09% S	0.09% Sodium Azide			
Stabilisers	1% Bovine Serum Albumin				
	5% S	ucrose			

Immunogen	Thymocytes and T lymphocytes.		
External Database Links	UniProt: P13987 Related reagents		
	Entrez Gene: 966 CD59 Related reagents		
Synonyms	MIC11, MIN1, MIN2, MIN3, MSK21		
RRID	AB_321512		
Specificity	Mouse anti Human CD59 antibody, clone MEM-43 recogni		

Specificity

Mouse anti Human CD59 antibody, clone MEM-43 recognizes CD59, a glycosylphosphatidylinositol (GPI) anchored membrane protein also known as membrane attack complex inhibition factor. CD59 blocks the formation of the complement membrane attack complex (MAC) by binding of C8a and C9. CD59 is found on all types of leucocytes including platelets and is also expressed on many non-haematopoietic cells. The epitope recognized by Mouse anti Human CD59 antibody, clone MEM-43 is lost after reduction therefore, non-reducing conditions are required for western blotting techniques.

Flow Cytometry

Use 10ul of the suggested working dilution to label 10⁶ cells in 100ul.

References

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Storage

Prior to reconstitution store at +4°C. Following reconstitution store at +4°C.

DO NOT FREEZE.

This product should be stored undiluted. This product is photosensitive and should be protected from light. 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 #20487 available at: https://www.bio-rad-antibodies.com/SDS/MCA1054PE 20487
Regulatory	For research purposes only

Related Products

Recommended Negative Controls

MOUSE IgG2a NEGATIVE CONTROL:RPE (MCA929PE)

Recommended Useful Reagents

HUMAN SEROBLOCK (BUF070A) HUMAN SEROBLOCK (BUF070B)

 North & South
 Tel: +1 800 265 7376
 Worldwide
 Tel: +44 (0)1865 852 700
 Europe
 Tel: +49 (0) 89 8090 95 21

 America
 Fax: +1 919 878 3751
 Fax: +44 (0)1865 852 739
 Fax: +49 (0) 89 8090 95 50

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets 'M375256:210104'

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