

Mouse Anti-Human CD59:RPE, monoclonal

CatNo **MAK1045PE**

BatchNo: See label

Despatch Date: See label

Storage: 2-8°C lyophilized

After Reconstitution: 2-8°C

DO NOT FREEZE!
KEEP DARK!

Clone Number:	MEM-43						
Volume/Quantity:	100 tests/ 1ml						
CD Number:	CD59						
Reconstitution:	Reconstitute with 1 ml distilled water.						
Product Form:	Purified IgG conjugated to R. Phycoerythrin (RPE) – lyophilized						
Max Ex/Em	<table><tr><th>Fluorophore</th><th>Excitation Max (nm)</th><th>Emission Max (nm)</th></tr><tr><td>RPE 488nm laser</td><td>496</td><td>578</td></tr></table>	Fluorophore	Excitation Max (nm)	Emission Max (nm)	RPE 488nm laser	496	578
	Fluorophore	Excitation Max (nm)	Emission Max (nm)				
RPE 488nm laser	496	578					
Preparation:	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant.						
Buffer:	Phosphate buffered saline						
Preservatives Stabilisers:	0.09% Sodium Azide (NaN ₃)						
	1% Bovine Serum Albumin (BSA)						
	5% sucrose						
Isotype:	IgG2a (Mouse)						
Immunogen:	Thymocytes and T lymphocytes.						
Specificity:	Mouse anti Human CD59 antibody, clone MEM-43 recognizes CD59, a glycosyl-phosphatidylinositol (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.						

Applications:

Suggested Working Dilution

FlowCytometry	Yes	Neat
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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.

MAK1054PE 231019-1/2



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monoclonal

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Flow Cytometry

Recommended Negative Controls:	<p>Use 10 µl of the suggested working dilution to label 10⁶ cells. Method sheets are available on request.</p> <p>Mouse IgG2a Negative Control (LINARIS CatNo ITC929PE)</p>
Storage Conditions:	<p>Store at 2-8°C. DO NOT FREEZE!</p> <p>This product is photosensitive and should be protected from light. KEEP DARK!</p> <p>Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Shelf Life:	<p>12 months from date of reconstitution.</p>
Health and Safety Information:	<p>(A full Health and Safety assessment is available upon request)</p> <p>This product contains sodium azide: a POISONOUS and HAZARDOUS SUBSTANCE which should be handled by trained staff only.</p>
MAK1054PE 231019-2/2	For Research purposes only. Not for therapeutic or diagnostic use.

