

CD59 / Protectin Antibody, PE conjugate (MEM-43)

Product Data Sheet

Tested Species Reactivity	Published Species Reactivity
Human (Hu)	Human (Hu)

Tested Applications	Dilution *
Flow Cytometry (Flow)	20ul/100ul whole blood

Published Applications	Dilution
Flow Cytometry (Flow)	See publications

* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

Details	
Catalog Number:	MA1-19639
Size:	100 tests
Class:	Monoclonal
Type:	Antibody
Clone:	MEM-43
Host / Isotype:	Mouse / IgG2a
Immunogen:	Thymocytes and T lymphocytes.

Form Information	
Form:	Liquid
Purification:	purified
Storage Buffer:	PBS with 0.2% BSA
Preservative:	15mM sodium azide
Storage Conditions:	4° C, store in dark, DO NOT FREEZE!

Product Specific Information

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization.

General Information

CD59 (Protectin) is a small (18-20 kDa) GPI-anchored ubiquitously expressed inhibitor of the membrane attack complex (MAC). It is thus the key regulator that preserves the autologous cells from terminal effector mechanism of the complement cascade. CD59 associates with C5b-8 complex and thereby counteracts appropriate formation of cytolytic pore within the plasma membrane. CD59 is also a low-affinity ligand of human CD2 and causes T cell costimulation.

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