

Product datasheet MON1136F

**MONOSAN**<sup>®</sup>

Mouse anti-CD59, clone MEM-43, FITC (Monoclonal)

Clone no. MEM-43

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Product name	Mouse anti-CD59, clone MEM-43, FITC (Monoclonal)
Host	Mouse
Applications	FC
Species reactivity	Human
Conjugate	FITC
Immunogen	Thymocytes and T lymphocytes
Isotype	IgG2a
Clonality	Monoclonal
Clone number	MEM-43
Size	100 tests
Concentration	n/a
Format	-
Storage buffer	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

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 an low-affinity ligand of human CD2 and causes T cell costimulation.

**References**

1. -
2. -
3. -
4. -
5. -

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