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30-1137: Anti-CD59 / Protectin Monoclonal Antibody (Clone:MEM-43)

Clonality :	Monoclonal
Clone Name :	MEM-43
Application :	FACS
Reactivity :	Human
Gene :	CD59
Gene ID :	966
Uniprot ID :	P13987
Format :	Purified
Alternative Name :	CD59,MIC11,MIN1,MIN2,MIN3,MSK21
Isotype :	Mouse IgG2a kappa
Immunogen Information :	Thymocytes and T lymphocytes

Description

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.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow cytometry: Recommended dilution: 0.5-4 µg/ml.
Immunohistochemistry (paraffin sections): Recommended dilution: 10 µg/ml; positive tissue: placenta.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.