

### 30-1699: Anti-CD59 / Protectin Monoclonal Antibody (Clone:MEM-43)-APC Conjugated

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	MEM-43
<b>Application :</b>	FACS, IP, IHC
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	APC
<b>Gene :</b>	CD59
<b>Gene ID :</b>	966
<b>Uniprot ID :</b>	P13987
<b>Alternative Name :</b>	CD59, MIC11, MIN1, MIN2, MIN3, MSK21
<b>Isotype :</b>	Mouse IgG2a
<b>Immunogen Information :</b>	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

<b>Amount :</b>	100 tests
<b>Storage condition :</b>	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

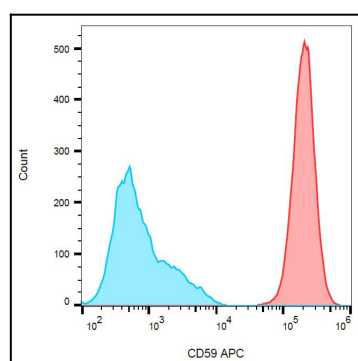


Figure 1: Surface staining of HL-60 (positive) and SP2 (negative) cells with anti-human CD59 (MEM-43) APC.