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## 30-1853: Anti-CD59 / Protectin Monoclonal Antibody (Clone:MEM-43)-Biotin Conjugated

Clonality: Monoclonal **Clone Name:** MEM-43 Application: FACS, IP, IHC Reactivity: Human Conjugate: **Biotin** Gene: **CD59** Gene ID: 966 **Uniprot ID:** P13987

Alternative Name: CD59,MIC11,MIN1,MIN2,MIN3,MSK21

**Isotype:** Mouse IgG2a

**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

**Storage condition :** Store at 2-8°C. Do not freeze.

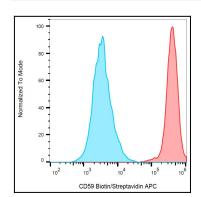


Figure 1: Surface staining of HL-60 (positive) and SP2 (negative) cells with antihuman CD59 (MEM-43) biotin / streptavidin-APC.