

30-1138: Anti-CD59 / Protectin Monoclonal Antibody (Clone:MEM-43/5)

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| Clonality : | Monoclonal |
| Clone Name : | MEM-43/5 |
| Application : | WB |
| Reactivity : | Mouse |
| Gene : | CD59 |
| Gene ID : | 966 |
| Uniprot ID : | P13987 |
| Format : | Purified |
| Alternative Name : | CD59, MIC11, MIN1, MIN2, MIN3, MSK21 |
| Isotype : | Mouse IgG2b |
| 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

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| 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; positive control: blood.
Immunohistochemistry (paraffin sections): Recommended dilution: 5 µg/ml.
Western blotting: Recommended dilution: 1-2 µg/ml; positive control: mouse spleen, non-reducing conditions.

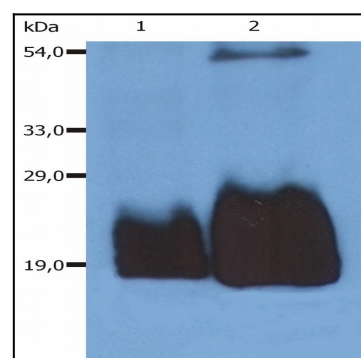


Figure 1: Western Blotting analysis (non-reducing conditions) of whole cell lysate of HPB-ALL human peripheral blood T cell leukemia cell line using anti-CD59 (MEM-43/5). Lane 1: original cell lysate .Lane 2: material immunoprecipitated with anti-human CD59 (MEM-43;)