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30-1988: Anti-CD46 / Membrane Cofactor Protein Monoclonal Antibody (Clone:MEM-258)-FITC Conjugated

Clonality: Monoclonal
Clone Name: MEM-258
Application: FACS, IP, WB
Reactivity: Human, Bovine

 Conjugate :
 FITC

 Gene :
 CD46

 Gene ID :
 4179

 Uniprot ID :
 P15529

Alternative Name : CD46,MCP,MIC10

Isotype: Mouse IgG1

Immunogen Information: HPB-ALL human T cell line

Description

CD46 (MCP, membrane cofactor protein) is a multifunctional cell surface transmembrane protein that binds and inactivates C3b and C4b complement fragments, regulates T cell-induced inflammatory responses by either inhibiting (CD46-1 isoform) or increasing (CD46-2 isoform) the contact hypersensitivity reaction. CD46 also serves as a receptor for several human pathogens (both bacteria and viruses), and its ligation alteres T lymphocyte polarization toward antigen-presenting cells or target cells, inhibiting lymphocyte function. CD46 is a protector of placental tissue and is also expressed on the inner acrosomal membrane of spermatozoa.

Product Info

Amount: 100 tests

Storage condition : Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

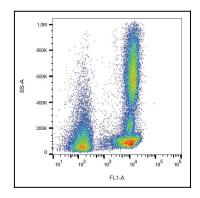


Figure 1: Surface staining of human peripheral blood cells with anti-CD46 (MEM-258) FITC.