9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

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.

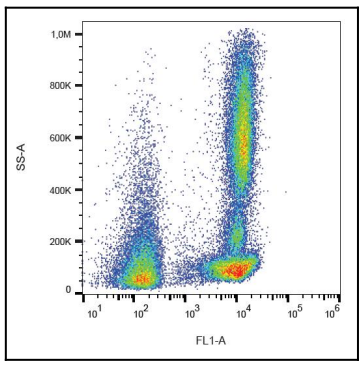


Figure 1: Surface staining of human peripheral blood cells with anti-CD46 (MEM-258) FITC.

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