

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

## 30-1874: Anti-CD46 / Membrane Cofactor Protein Monoclonal Antibody (Clone:MEM-258)-Biotin Conjugated

Clone Name: Mem-258
Application: FACS, IP, WB
Reactivity: Human, Bovine

Conjugate: Biotin
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: 0.1 mg

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

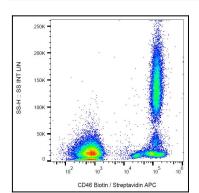


Figure 1: Surface staining of human peripheral blood cells with anti-CD46 (MEM-258) biotin.