

30-1220: Anti-CD46 / Membrane Cofactor Protein Monoclonal Antibody (Clone:MEM-258)

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| Clonality : | Monoclonal |
| Clone Name : | MEM-258 |
| Application : | FACS, IP, WB |
| Reactivity : | Human, Bovine |
| Gene : | CD46 |
| Gene ID : | 4179 |
| Uniprot ID : | P15529 |
| Format : | Purified |
| 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 alters 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

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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:* 1 μ g/ml

Immunoprecipitation Western Blotting *Application note:* Non-reducing conditions.