

## 30-1011: Anti-CD46 / Membrane Cofactor Protein Monoclonal Antibody (Clone:MEM-258)-Azide free

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	MEM-258
<b>Application :</b>	FACS, IP, WB
<b>Reactivity :</b>	Human, Bovine
<b>Gene :</b>	CD46
<b>Gene ID :</b>	4179
<b>Uniprot ID :</b>	P15529
<b>Format :</b>	Azide free
<b>Alternative Name :</b>	CD46,MCP,MIC10
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	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

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

### Application Note

**Flow Cytometry** *Recommended dilution:* 1  $\mu$ g/ml

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