

Mouse anti-CD46, clone MEM-258 (Monoclonal)

Clone no. MEM-258

MONOSAN

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Product name	Mouse anti-CD46, clone MEM-258 (Monoclonal)
Host	Mouse
Applications	FC , IP, WB
Species reactivity	Cow, Human
Conjugate	-
Immunogen	HPB-ALL human T cell line
Isotype	IgG1
Clonality	Monoclonal
Clone number	MEM-258
Size	0.1 mg
Concentration	1 mg/ml
Format	-
Storage buffer	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

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.

**References**

1. -
2. -
3. -
4. -
5. -

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