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CD46 Monoclonal Antibody (6D8/8)

Catalog Number **MA5-16538**

Product data sheet

Details	
Size	250 µg
Host/Isotope	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	6D8/8
Immunogen	Porcine peripheral blood mononuclear cells.
Conjugate	Unconjugated
Form	Liquid
Concentration	1 mg/mL
Storage Conditions	4°C or -20°C if preferred

Species Reactivity	
Species reactivity	Pig

Tested Applications	Dilution *
Flow Cytometry (Flow)	1:25-1:50
Immunoprecipitation (IP)	Assay-dependent
Western Blot (WB)	Assay-dependent

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Product specific information

For FACS analysis, use 10 µL of the suggested working dilution to label 1x10^6 cells in 100 µL.

Background/Target Information

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.

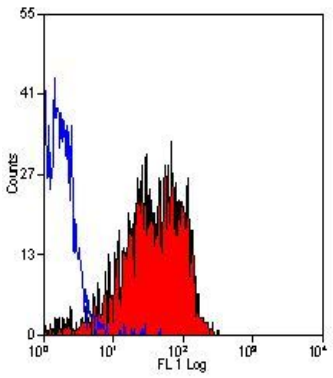
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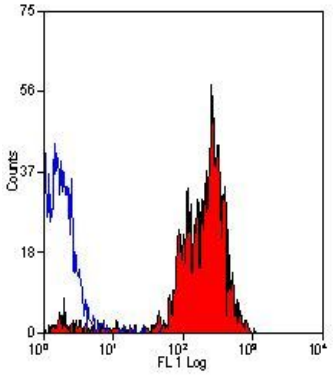
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Product Images For CD46 Monoclonal Antibody (6D8/8)



CD46 Antibody (MA5-16538) in Flow

Flow cytometric analysis of porcine peripheral blood granulocytes using a CD46/MCP monoclonal antibody (Product # MA5-16538)



CD46 Antibody (MA5-16538) in Flow

Flow cytometric analysis of porcine peripheral blood granulocytes using a CD46/MCP monoclonal antibody (Product # MA5-16538)

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