

Mouse anti-Pig CD46 Monoclonal Antibody | anti-CD46 antibody

Mouse Anti Pig CD46

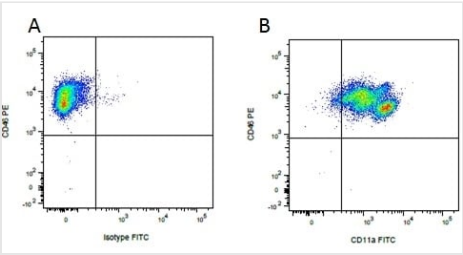
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50342	Mouse	Pig	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD46; Monoclonal Antibody; Mouse Anti Pig CD46; CD46 antibody (JM6C11); anti-CD46 antibody

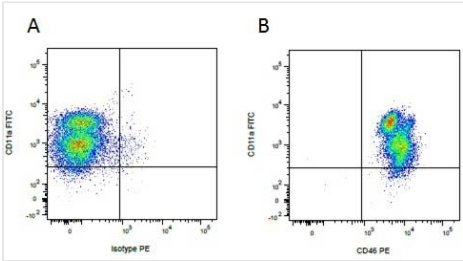
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Pig
Clonality	Monoclonal
Isotype	IgG1
Clone Number	JM6C11
Purity/Purification	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Form/Format	Liquid; Phosphate Buffered Saline
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	363
Applicable Applications for anti-CD46 antibody	FCM/FACS (Flow Cytometry)
Immunogen	Porcine peripheral blood mononuclear cells
Carrier Free	Yes
Fusion Partners	Spleen cells from immunised Balb/c mice were fused with cells of the mouse SP2/0-Ag14 myeloma cell line.
Preservative Stabilizers	0.09% Sodium Azide (NaN ₃)
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.



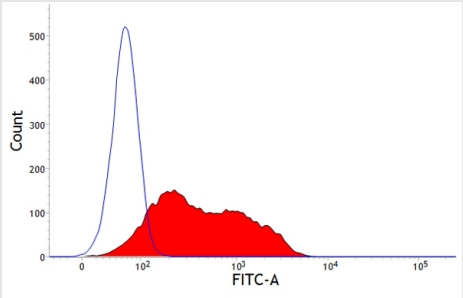
Application Data

Figure A. Purified mouse anti porcine CD46 detected with goat anti mouse IgG1 PE and mouse IgG2b FITC isotype control . Figure B. Purified mouse anti porcine CD46 detected with goat anti mouse IgG1 PE and mouse anti porcine CD11a FITC . All experiments performed on red cell lysed porcine blood gated on mononuclear cells.



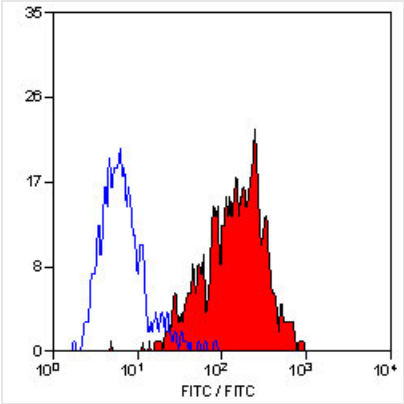
Application Data

Figure A. FITC conjugated mouse anti porcine CD11a and purified mouse IgG1 isotype control detected with goat anti mouse IgG1 PE . Figure B. FITC conjugated mouse anti porcine CD11a and purified mouse anti porcine CD46 detected with goat anti mouse IgG1 . All experiments performed on red cell lysed porcine blood gated on mononuclear cells.



Application Data

Staining of porcine peripheral blood lymphocytes with Mouse anti Porcine CD46 followed by Goat anti Mouse IgG (H/L):FITC .



Application Data

Staining of porcine peripheral blood lymphocytes with Mouse anti Porcine CD46 .

ADDITIONAL INFORMATION

Related Product Information for anti-CD46 antibody	Mouse anti Pig CD46 antibody, clone JM6C11 recognizes porcine CD46, also known as membrane cofactor protein (MCP). CD46 is a ~45-65 kDa single pass type 1 transmembrane glycoprotein expressed by all peripheral blood cells. Mouse anti Pig CD46 antibody, clone JM6C11 inhibits functional MCP cofactor activity as measured by inhibition of cleavage of the alpha chain of C3 (Pérez De La Lastra et al. 1999).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47522706
NCBI GeneID	396922
NCBI Accession #	NP_999053.1
NCBI GenBank Nucleotide #	NM_213888.1
UniProt Accession #	O02839
NCBI Official Full Name	membrane cofactor protein
NCBI Official Symbol	CD46
NCBI Official Synonym Symbols	MCP
NCBI Protein Information	membrane cofactor protein
UniProt Protein Name	Membrane cofactor protein
UniProt Gene Name	CD46

UniProt Synonym Gene Names	MCP
UniProt Entry Name	MCP_PIG

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd46-antibody-clone-jm6c11-flow-cytometry-elisa/50342>