

Mouse CD46 Monoclonal Antibody | anti-CD46 antibody

MOUSE ANTI HUMAN CD46:RPE

CATALOG # AAA49490	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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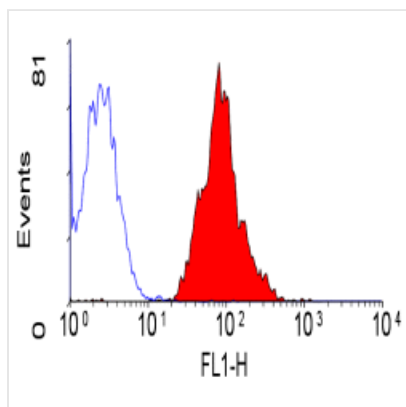
PRODUCT SYNONYMS

CD46; Monoclonal Antibody; MOUSE ANTI HUMAN CD46:RPE; anti-CD46 antibody

PRODUCT SPECIFICATIONS

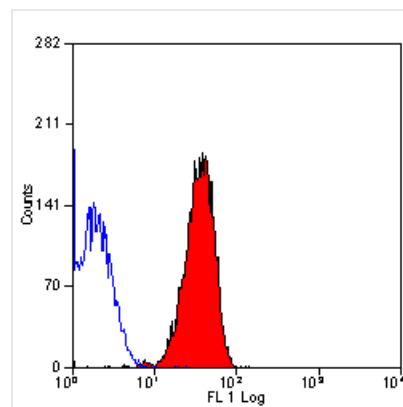
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	MEM-258
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Sequence Length	336
Applicable Applications for anti-CD46 antibody	FCM/FACS (Flow Cytometry)
Reconstitution	Reconstitute with 1 ml distilled water Perservative Stabilisers
Immunogen	HPB-ALL cell line Buffer Solution
Target Species	Human
Preparation and Storage	Store at 4 degree C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of reconstitution.

IMAGES



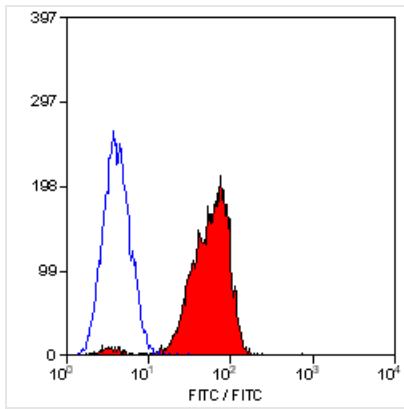
Application Data

Staining of human peripheral blood lymphocytes with Mouse anti Human CD46:FITC



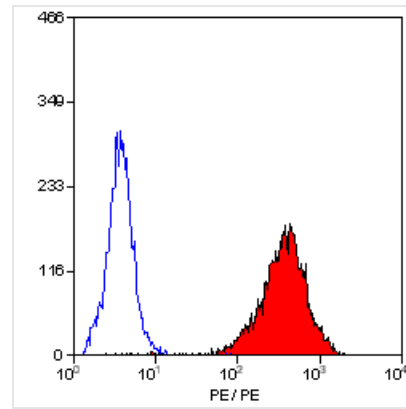
Application Data

Staining of human peripheral blood granulocytes with Mouse anti Human CD46: Alexa Fluor 647



Application Data

Staining of human peripheral blood lymphocytes with Mouse anti Human CD46



Application Data

Staining of human peripheral blood lymphocytes with Mouse anti Human CD46:RPE

ADDITIONAL INFORMATION

Related Product Information for anti-CD46 antibody

Mouse anti Human CD46 antibody, clone MEM-258 recognizes the human CD46 cell surface antigen, a broadly expressed glycoprotein also known as membrane co-factor protein (MCP). CD46 functions as an inhibitor of complement activation limiting the formation and activity of C3 convertases. CD46 is expressed by all nucleated cells, often as multiple isoforms on the same cells. The molecule is also expressed by sperm and may be important in the process of fertilisation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27502402
NCBI GeneID	4179
NCBI Accession #	NP_002380.3
NCBI GenBank Nucleotide #	NM_002389.4
UniProt Accession #	P15529; Q15429; Q53GV9; Q5HY94; Q5VWS6; Q5VWS7; Q5VWS8; Q5VWS9; Q5VWT0; A0T1T0; A0T1T1; A0T1T2
Molecular Weight	36,826 Da
NCBI Official Full Name	membrane cofactor protein isoform 1
NCBI Official Synonym Full Names	CD46 molecule, complement regulatory protein
NCBI Official Symbol	CD46
NCBI Official Synonym Symbols	MCP; TLX; AHUS2; MIC10; TRA2.10
NCBI Protein Information	membrane cofactor protein; CD46 antigen, complement regulatory protein; antigen identified by monoclonal antibody TRA-2-10; complement membrane cofactor protein; measles virus receptor; membrane cofactor protein (CD46, trophoblast-lymphocyte cross-reactive antigen); trophoblast leucocyte common antigen; trophoblast leukocyte common antigen
UniProt Protein Name	Membrane cofactor protein
UniProt Gene Name	CD46
UniProt Synonym Gene Names	MCP; MIC10
UniProt Entry Name	MCP_HUMAN

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.