



Anti-CD46 monoclonal antibody, clone MEM-258 [R-PE] (CABT-46245MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview 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. Flow Cytometry Use 10ul of the suggested working dilution to label 106 or 100ul whole blood.

Specificity	CD46
Immunogen	HPB-ALL cell line
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	MEM-258
Conjugate	PE
Applications	FC
Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Size	100 tests
Preservative	0.09% Sodium Azide
Storage	Store at +4°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.

GENE INFORMATION

Gene Name	CD46 CD46 molecule, complement regulatory protein [Homo sapiens (human)]
Official Symbol	CD46
Synonyms	CD46; CD46 molecule, complement regulatory protein; MCP; TLX; AHUS2; MIC10; TRA2.10; membrane cofactor protein; measles virus receptor; complement membrane cofactor protein; trophoblast leucocyte common antigen; trophoblast leukocyte common antigen; CD46
Entrez Gene ID	4179
Protein Refseq	NP_002380
UniProt ID	P15529
Chromosome Location	1q32
Pathway	Complement and Coagulation Cascades; Complement and coagulation cascades; Complement cascade; Immune System; Innate Immune System; Measles; Regulation of Complement cascade;
Function	cadherin binding; complement binding; endopeptidase activity; enzyme inhibitor activity; protein binding; receptor activity;