



Anti-CR1 monoclonal antibody, clone E11 [R-PE] (CABT-45981MH)

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

PRODUCT INFORMATION

Product Overview	Mouse anti Human CD35 antibody, clone E11 recognizes CD35, a single chain cell surface glycoprotein which exists in four allotypic forms (A,B,C,D) of 190kD, 220kD, 160kD and 250kD respectively. The molecule is expressed by granulocytes, monocytes, B cells and some T cells. Functionally CD35 acts as a receptor for the C3b component of complement. Clone E11 has been reported to be suitable for use in Western Blotting. Flow Cytometry Use 10ul of the suggested working dilution to label 10 ⁶ cells or 100ul whole blood
Specificity	CR1
Immunogen	Human acute monocytic leukaemia cells
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Baboon, Cynomolgus monkey, Rhesus monkey
Clone	E11
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	CR1 complement component (3b/4b) receptor 1 (Knops blood group) [Homo sapiens (human)]
Official Symbol	CR1
Synonyms	CR1; complement component (3b/4b) receptor 1 (Knops blood group); KN; C3BR; C4BR; CD35; complement receptor type 1; CD35 antigen; C3b/C4b receptor; C3-binding protein; Knops blood group antigen;
Entrez Gene ID	1378
Protein Refseq	NP_000564
UniProt ID	P17927
Chromosome Location	1q32
Pathway	Complement and Coagulation Cascades; Complement and coagulation cascades; Complement cascade; Hematopoietic cell lineage; Immune System; Innate Immune System; Legionellosis; Leishmaniasis;
Function	complement component C3b binding; complement component C3b receptor activity; complement component C4b binding; complement component C4b receptor activity;