

Mouse CR1 / CD35 Monoclonal Antibody | anti-CR1 antibody

Mouse Monoclonal [clone E11] (IgG1) to Human CR1 / CD35

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51812	Mouse	Cynomolgus monkey, Rhesus monkey, Baboon, Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Immunohistochemistry

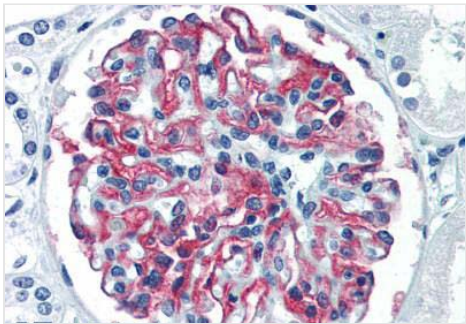
PRODUCT SYNONYMS

CR1 / CD35; Monoclonal Antibody; Mouse Monoclonal [clone E11] (IgG1) to Human CR1 / CD35; Anti-CR1 / CD35 Antibody (clone E11; Azide-free) IHC-plus; CR1; C3b/C4b receptor; C3-binding protein; CD35; C3BR; Knops blood group antigen; C4BR; CD35 antigen; Complement receptor type 1; KN; Human CR1; anti-CR1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Cynomolgus monkey, Rhesus monkey, Baboon, Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	E11
Specificity	Is 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 Blot.
Purity/Purification	Protein A Purified
Form/Format	PBS, pH 7.4. Sourced in TCS.
Concentration	1 mg/ml (varies by lot)
Sequence Length	2489
Applicable Applications for anti-CR1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Human acute monocytic leukaemia cells.
Immunogen Type	Cells
Immunogen	CR1 / CD35 antibody was raised against human acute monocytic leukaemia cells.
Antibody Modification	Azide-free
Preparation and Storage	+4 degree C or -20 degree C, Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-CD35 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CR1 antibody	Family: Protease ; Subfamily: Serine S1
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NCBI AND UNIPROT INFORMATION

NCBI GI #	86793109
NCBI GeneID	1378
NCBI Accession #	NP_000642.3
NCBI GenBank Nucleotide #	NM_000651.4
UniProt Accession #	P17927 ; Q16744 ; Q16745 ; Q5SR43 ; Q5SR45 ; Q9UQV2
Molecular Weight	223,663 Da
NCBI Official Full Name	complement receptor type 1 isoform S
NCBI Official Synonym Full Names	complement component (3b/4b) receptor 1 (Knops blood group)
NCBI Official Symbol	CR1
NCBI Official Synonym Symbols	KN; C3BR; C4BR; CD35
NCBI Protein Information	complement receptor type 1; CD35 antigen; C3b/C4b receptor; C3-binding protein; Knops blood group antigen
UniProt Protein Name	Complement receptor type 1
UniProt Gene Name	CR1
UniProt Synonym Gene Names	C3BR
UniProt Entry Name	CR1_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.