

## Product datasheet for **TA386270**

### CD35 (CR1) Mouse Monoclonal Antibody [Clone ID: E11]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	E11
Applications:	ELISA, IF, WB
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	BALB/c mice were immunised with cells from acute monocytic leukemia patients.
Specificity:	<p>E11 is reactive to neutrophilic granulocytes and eosinophils; monocytes; macrophages; lymphocytes; erythrocytes; dendritic reticulum cells; tonsil tissue section; spleen tissue section; lymph node tissue section; gut tissue section; kidney podocytes and kidney tissue sections; chronic lymphocytic leukemia; acute myelomonocytic leukemia; acute monocyte leukemia; B cell lines (JY, MST, BR17); EBV-infected B cell cultures; myeloid cell lines (U937, HL60, THP 1-0).</p> <p>E11 fluorescence staining of normal blood cells was detectable on 90% of monocytes, 95% of neutrophils, and 14%-24% of lymphocytes (Hogg et al, 1984). Assay of E11 fluorescence-stained monocytes and neutrophils by EC3b rosette formation indicated that nearly all of the E11-stained cells formed rosettes with EC3b (Hogg et al, 1984). Treatment of erythrocytes, monocytes, neutrophils, and lymphocytes with E11 did not result in any detectable loss of CR1 activity as measured by EC3b rosette formation (Hogg et al, 1984). Immunofluorescence was used to determine E11 reactivity to a variety of cells, tissue sections, leukemias, and cell lines (Hogg et al, 1984). E11 has been used in ELISA experiments to quantify the amount of recombinant CR1 proteins (Park et al, 2013).</p>
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.



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Stability:	3 years from dispatch.
Gene Name:	complement component 3b/4b receptor 1 (Knops blood group)
Database Link:	<a href="#">Entrez Gene 1378 Human P17927</a>
Synonyms:	C3BR; C4BR; CD35; KN