

## 30-2099: Anti-CD35 / CR1 Monoclonal Antibody (Clone:E11)-FITC Conjugated

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	E11
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	FITC
<b>Gene :</b>	CR1
<b>Gene ID :</b>	1378
<b>Uniprot ID :</b>	P17927
<b>Alternative Name :</b>	CR1,C3BR
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Acute monocytic leukemia cells and normal blood monocytes

### Description

CD35 (complement receptor 1, CR1) is a monomeric multiple modular cell surface glycoprotein which serves as receptor for C3b and C4b, the most important components of the complement system leading to clearance of foreign macromolecules. It is expressed mainly on the surface of granulocytes, monocytes, erythrocytes, B cells and follicular dendritic cells. Besides its role in complement cascade, CD35 is involved in blocking BCR-induced proliferation and the differentiation of B cells to plasmablasts and their Ig production.

### Product Info

<b>Amount :</b>	100 tests
<b>Storage condition :</b>	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

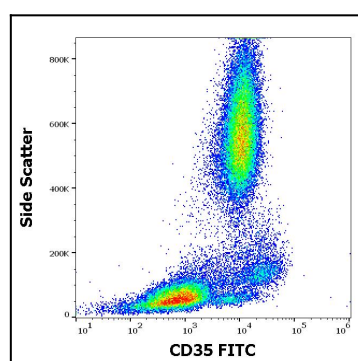


Figure 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD35 FITC antibody.

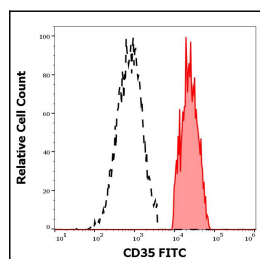


Figure 2: Separation of human monocytes (red-filled) from CD35 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD35 (E11) FITC antibody