

Product datasheet for **SM1097F**

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	E11
Applications:	FC
Recommended Dilution:	Flow Cytometry.
Reactivity:	Human, Monkey
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human acute monocytic leukaemia cells. Spleen cells from immunised BALB/c mice were fused with cells of the mouse NS1 myeloma cell line.
Specificity:	This antibody recognises the CD35 cell surface glycoprotein.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: FITC State: Liquid purified IgG fraction. Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Purification:	Ion Exchange Chromatography.
Conjugation:	FITC
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	complement component 3b/4b receptor 1 (Knops blood group)
Database Link:	Entrez Gene 1378 Human P17927



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- Background:** CD35 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.
- Synonyms:** Complement receptor type 1, CR1, C3b/C4b receptor