

30-2177: Anti-CD55 / DAF Monoclonal Antibody (Clone:MEM-118)-PE Conjugated

Clonality :	Monoclonal
Clone Name :	MEM-118
Application :	FACS
Reactivity :	Human
Conjugate :	PE
Gene :	CD55
Gene ID :	1604
Uniprot ID :	P08174
Alternative Name :	CD55,CR,DAF
Isotype :	Mouse IgM
Immunogen Information :	HPB-ALL human T cell line

Description

CD55 (decay-accelerating factor, DAF) is a GPI-anchored membrane glycoprotein that protects autologous cells from classical and alternative pathway of complement cascade. Bidirectional interactions between CD55 and CD97 are involved in T cell regulation and CD55 can still regulate complement when bound to CD97. In tumours, besides protection against complement, CD55 promotes neoangiogenesis, tumorigenesis, invasiveness and evasion of apoptosis.

Product Info

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

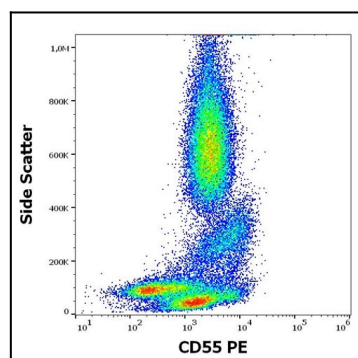


Figure 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD55 (MEM-118) PE antibody (concentration in sample 1.67 µg/ml).

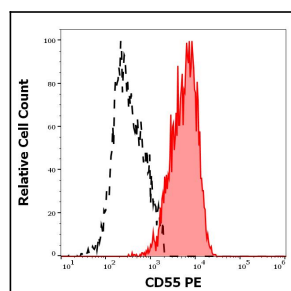


Figure 2: Separation of human monocytes (red-filled) from CD55 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD55 (MEM-118) PE antibody (concentration in sample 1.67 µg/ml).