

## 30-1852: Anti-CD58 / LFA-3 Monoclonal Antibody (Clone:MEM-63)-Biotin Conjugated

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	MEM-63
<b>Application :</b>	FACS
<b>Reactivity :</b>	Pig
<b>Conjugate :</b>	Biotin
<b>Gene :</b>	CD58
<b>Gene ID :</b>	965
<b>Uniprot ID :</b>	P19256
<b>Alternative Name :</b>	CD58,LFA3
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	NALM-6 human pre-B cell line

### Description

CD58 (LFA-3) is an immunoglobulin family adhesion molecule expressed by both hematopoietic and non-hematopoietic cells (often on antigen presenting cells) and serving as ligand of CD2. This interaction is important for T cell-mediated immunity. CD58 is expressed in transmembrane form and in GPI-anchored form; the later is constitutively associated with protein kinases whereas the transmembrane form activates kinase activity upon triggering. CD58 is a powerful tool for detection of minimal residual disease in acute lymphocytic leukemia, and for evaluation of liver damage related with hepatitis B.

### Product Info

<b>Amount :</b>	0.1 mg
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

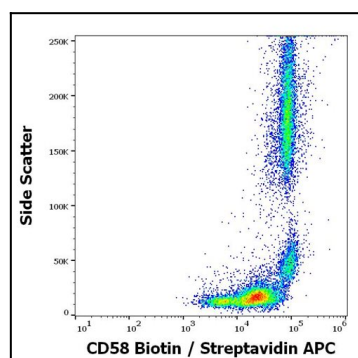


Figure 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD58 (MEM-63) Biotin antibody (concentration in sample 1.67 µg/ml, Streptavidin APC).

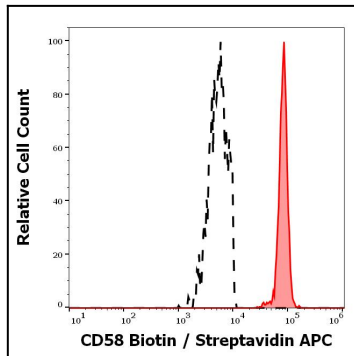


Figure 2: Separation of human neutrophil granulocytes (red-filled) from CD58 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD58 (MEM-63) Biotin antibody (concentration in sample 1.67  $\mu\text{g/ml}$ , Streptavidin APC).