

### 30-2231: Anti-HLA-Class I Monoclonal Antibody (Clone:W6/32)-PE Conjugated

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	W6/32
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	PE
<b>Gene :</b>	HLA-A
<b>Uniprot ID :</b>	P01892
<b>Alternative Name :</b>	HLA-A, HLAA
<b>Isotype :</b>	Mouse IgG2a
<b>Immunogen Information :</b>	Membrane of human tonsil cells

#### Description

HLA-class I major histocompatibility (MHC) antigens are intrinsic membrane glycoproteins expressed on nucleated cells and noncovalently associated with an invariant beta2 microglobulin. They carry foreign determinants important for immune recognition by cytotoxic T cells, thus important for anti-viral and anti-tumour defence. Human HLA-class I antigens are represented by HLA-A, HLA-B and HLA-C molecules.

#### Product Info

<b>Amount :</b>	0.1 mg
<b>Storage condition :</b>	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

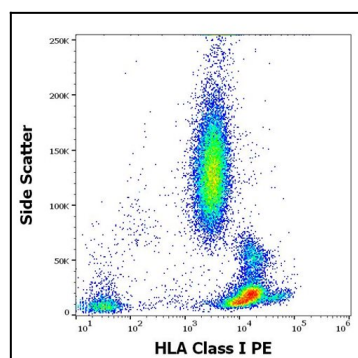


Figure 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-HLA Class I (W6/32) PE antibody (concentration in sample 1.67 µg/ml).

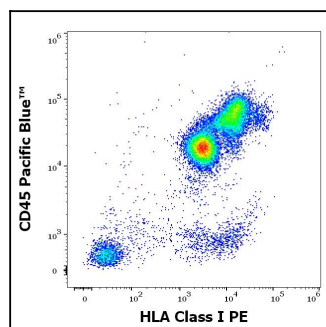


Figure 2: Flow cytometry multicolor surface staining pattern of human peripheral whole blood stained using anti-human CD45 (MEM-28) Pacific Blue antibody (4 µl reagent / 100 µl of peripheral whole blood) and anti-HLA Class I (W6/32) PE antibody (concentration in sample 1.67 µg/ml).

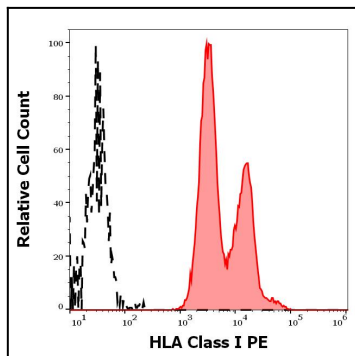


Figure 3: Separation of human leukocytes (red-filled) from HLA Class I negative blood debris (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-HLA Class I (W6/32) PE antibody (concentration in sample 1.67  $\mu\text{g/ml}$ ).