

### 30-1316: Anti-beta2-Microglobulin Monoclonal Antibody (Clone:B2M-02)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	B2M-02
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Gene :</b>	B2M
<b>Gene ID :</b>	567
<b>Uniprot ID :</b>	P61769
<b>Format :</b>	Purified
<b>Alternative Name :</b>	B2M,CDABP0092,HDCMA22P
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Purified isolated human beta2-microglobulin.

#### Description

Beta2-microglobulin non-covalently associates with the 44 kDa alpha chain to forms the HLA Class I antigen complex. Human beta2-microglobulin associated with HLA Class I antigens is expressed on many types of cells including lymphocytes, thymocytes, monocytes, granulocytes, platelets, endothelial cells, and epithelial cells. It is absent on erythrocytes.

#### Product Info

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

#### Application Note

Immunohistochemistry (paraffin sections): Heat-mediated antigen retrieval; recommended dilution: 5 µg/ml; positive tissue: liver. <br>Western blotting: Recommended dilution: 2 µg/ml; non-reducing conditions preferred. <br>Flow cytometry: Recommended dilution: 1 µg/ml; positive control: PBL cell line, negative control: DAUDI human lymphoma cell line, erythrocytes. <br>ELISA: Working dilution should be determined by investigator.

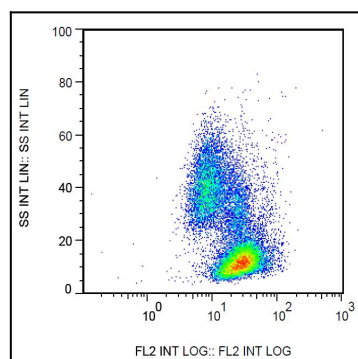


Figure 1: Surface staining of human peripheral blood cells by mouse monoclonal anti-beta2-microglobulin antibody B2M-02.