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

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|---|---|
| **Clonality :** | Monoclonal |
| **Clone Name :** | B2M-02 |
| **Application :** | FACS |
| **Reactivity :** | Human |
| **Gene :** | B2M |
| **Gene ID :** | 567 |
| **Uniprot ID :** | P61769 |
| **Format :** | Purified |
| **Alternative Name :** | B2M,CDABP0092,HDCMA22P |
| **Isotype :** | Mouse IgG1 |
| **Immunogen Information :** | 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

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|---|---|
| **Amount :** | 0.1 mg |
| **Purification :** | Purified by protein-A affinity chromatography |
| **Storage condition :** | 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 determinated by investigator.

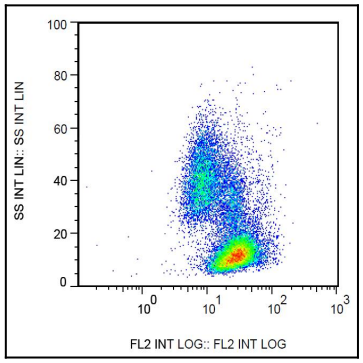



Figure 1: Surface staining of human peripheral blood cells by mouse monoclonal anti-beta2-microglobulin antibody B2M-02.

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