

## Monoclonal Antibody to Beta-2-microglobulin - PE

<b>Alternate names:</b>	B2M, Beta 2 microglobulin, Beta-2 microglobulin
<b>Catalog No.:</b>	AM08132RP-N
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.1 mg/ml
<b>Background:</b>	Beta 2 Microglobulin non-covalently associates with the 44 kDa alpha chain to form the HLA Class I antigen complex. Human beta 2 Microglobulin associated with HLA Class I antigens are expressed on many types of cells including lymphocytes, thymocytes, monocytes, granulocytes, platelets, endothelial cells, and epithelial cells. It is absent on erythrocytes.
<b>Uniprot ID:</b>	<a href="#">P21611</a>
<b>NCBI:</b>	<a href="#">9031</a>
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	F21-21
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction. <b>Buffer System:</b> PBS containing 0.09% Sodium Azide as preservative and a stabilizing agent. <b>Label:</b> PE – R-Phycoerythrin
<b>Applications:</b>	<b>Flow Cytometry:</b> < / = 0.2 µg/10e6 cells. (Ref.1-3) Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognizes the beta2-Microglobulin subunit (Mr~ 14 kDa) of avian MHC Class I molecules. It also reacts with turkey beta2-Microglobulin. <b>Species:</b> Chicken and Turkey. Other species not tested.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C. <b>DO NOT FREEZE!</b> This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Skjodt, K., K.G. Welinder, M.Crone, S. Verland, J. Salomonsen, and M. Simonsen. 1986. Mol. Immunol. 23:1301-1309. 2. Dunon, D., J. Kaufman, J. Salomonsen, K. Skjodt, O. Vainio, J.P. Thiery, and B.A. Imhof. 1990. EMBO J. 9:3315-3322. 3. Salomonsen, J. Personal communication.