

## B2M

### Mouse anti-Human Beta-2-Microglobulin (Clone B2M-01) mAb

<b>Catalog No.</b>	MON1031A	<b>Quantity:</b>	100 µg
<b>Description:</b>	Beta-2-microglobulin, a component of the class I major histocompatibility complex (MHC), is a 12 kDa Ig-like glycoprotein expressed on lymphocytes, thymocytes, monocytes, granulocytes, platelets, endothelial cells and epithelial cells. It is absent on erythrocytes. Beta-2-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.		
<b>Concentration:</b>	1.0 mg/ml		
<b>UniProt ID:</b>	P61769		
<b>Specificity:</b>	Human Beta-2 microglobulin		
<b>Host:</b>	Mouse		
<b>Immunogen:</b>	Purified human beta-2-microglobulin		
<b>Isotype:</b>	IgG2a		
<b>Formulation:</b>	PBS, pH 7.4 containing 15 mM in sodium azide		
<b>Applications:</b>	<b>Flow cytometry:</b> suggested concentration 0.5-1.0 µg/10 <sup>6</sup> cells in 0.1 ml <b>IHC-P:</b> suggested concentration 10 µg/ml for 30 min at RT <b>Western blotting:</b> suggested concentration 2-4 µg/ml <b>ELISA</b>		
<b>Storage &amp; Stability:</b>	Store undiluted antibody at 2-8°C. For long-term storage aliquot antibody and store at -20°C to -80°C. Avoid freeze/thaw cycles.		

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