

Technical Data Sheet

Product	Anti-Hu beta2-Microglobulin PE	
Cat. Number/Size	1P-237-C025	0.025 mg
	1P-237-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	beta2-Microglobulin	
Clone	B2M-01	
Format	PE	
Reactivity	Human	
Negative species	Rabbit, Dog, Mouse, Cow, Chicken	
Application	FC (QC tested)	
Application details	Flow cytometry: Recommended dilution: 1-2 µg/ml; positive control: peripheral blood lymphocytes, negative control: DAUDI human Burkitt lymphoma cell line, erythrocytes.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG2a	
Specificity	The mouse monoclonal antibody B2M-01 reacts with beta2-microglobulin (beta2M; extracellular antigen), associated with cell-surface MHC Class I molecules and other membrane antigens, as well as it reacts with soluble beta2-microglobulin. Beta2M is a 12 kDa Ig like glycoprotein expressed on lymphocytes, thymocytes, monocytes, granulocytes, platelets, endothelial cells and epithelial cells. It is absent on erythrocytes.	
Other names	B2M	
Immunogen	Purified human beta2-microglobulin	
Entrez Gene ID	567	
Gene name	B2M	
NCBI Full Gene Name	beta-2-microglobulin	
UniProt ID	P61769	
Concentration	0.1 mg/ml	
Preparation	The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.	
Formulation	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide	
Storage and handling	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.	
Images and References	www.exbio.cz	

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