



Technical Data Sheet

Product	Anti-Hu beta2-Microglobulin FITC	
Cat. Number/Size	1F-237-C025	0.025 mg
	1F-237-C100	0.1 mg
For Research Use Only.		
Not for use in diagnostic or therapeutic procedures.		
Antigen	beta2-Microglobulin	
Clone	B2M-01	
Format	FITC	
Reactivity	Human	
Negative species	Rabbit, Dog, Mouse, Cow, Chicken	
Application	FC (QC tested)	
Application details	Flow cytometry: Recommended dilution: 1 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	1 mg/ml	
Preparation	Purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.	
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.	
Images and References	www.exbio.cz	

The product is intended For Research Use Only. Diagnostic or therapeutic applications are strictly forbidden. Products shall not be used for resale or transfer to third parties either as a stand-alone product or as a manufacture component of another product without written consent of EXBIO Praha, a.s. EXBIO Praha, a.s. will not be held responsible for patent infringement or any other violations of intellectual property rights that may occur with the use of the products. Orders for all products are accepted subject to the Term and Conditions available at www.exbio.cz. EXBIO, EXBIO Logo, and all other trademarks are property of EXBIO Praha, a.s.