



Technical Data Sheet

Product	<b>Anti-Hu beta2-Microglobulin Alexa Fluor® 647</b>	
Cat. Number/Size	<b>A6-237-C025</b>	<b>0.025 mg</b>
	<b>A6-237-C100</b>	<b>0.1 mg</b>
<b>For Research Use Only.</b>		
<b>Not for use in diagnostic or therapeutic procedures.</b>		

Antigen	beta2-Microglobulin
Clone	B2M-01
Format	Alexa Fluor® 647
Reactivity	Human
Negative species	Rabbit, Dog, Mouse, Cow, Chicken
Application	FC (QC tested), WB, ICC
Application details	Flow cytometry: Recommended dilution: 1-5 µg/ml
Excitation laser	red (633 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 Alexa Fluor® 647 NHS ester 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	<a href="http://www.exbio.cz">www.exbio.cz</a>
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