



	Technical Data Sheet	
Product	<b>Anti-Hu beta2-Microglobulin HRP</b>	
Cat. Number/Size	<b>1X-237-C025</b>	<b>0.025 mg</b>
	<b>1X-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	HRP	
Reactivity	Human	
Negative species	Rabbit, Dog, Mouse, Cow, Chicken	
Application	WB, ELISA	
Application details	Western blotting: Recommended dilution: 1 µg/ml; positive control: peripheral blood lymphocytes, negative control: DAUDI human Burkitt lymphoma cell line, erythrocytes.	
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	0.2 mg/ml	
Preparation	Purified antibody is conjugated with activated horseradish peroxidase (HRP) of high specific enzyme activity under optimum conditions and unconjugated antibody and free HRP are removed by size-exclusion chromatography.	
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 0.01% thimerosal	
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.	
Images and References	www.exbio.cz	

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