

Technical Data Sheet

Product	Anti-Hu beta2-Microglobulin HRP	
Cat. Number/Size	1X-237-C025	0.025 mg
	1X-237-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

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	1 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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