



Technical Data Sheet

Product	Anti-Hu beta2-Microglobulin Purified	
Cat. Number/Size	11-456-C025	0.025 mg
	11-456-C100	0.1 mg
For Research Use Only.		
Not for use in diagnostic or therapeutic procedures.		
Antigen	beta2-Microglobulin	
Clone	B2M-02	
Format	Purified	
Reactivity	Pig, Human	
Application	WB, IHC-P, ELISA, FC (QC tested), ICC	
Application details	Immunohistochemistry (paraffin sections): Heat-mediated antigen retrieval; recommended dilution: 5 µg/ml; positive tissue: liver. Western blotting: Recommended dilution: 2 µg/ml; non-reducing conditions preferred. Flow cytometry: Recommended dilution: 1 µg/ml; positive control: PBL cell line, negative control: DAUDI human lymphoma cell line, erythrocytes. ELISA: Working dilution should be determined by investigator.	
Isotype	Mouse IgG1	
Specificity	The mouse monoclonal antibody B2M-02 reacts with beta2-microglobulin (beta2M), an 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 isolated 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 by protein-A affinity chromatography.	
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	www.exbio.cz	

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