

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.**

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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

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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.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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