

Technical Data Sheet

Product

Anti-Hu beta2-Microglobulin PerCP-Cy™5.5

Cat. Number/Size

T9-237-T025

25 tests

T9-237-T100

100 tests

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	beta2-Microglobulin
Clone	B2M-01
Format	PerCP-Cy™5.5
Reactivity	Human
Negative species	Rabbit, Dog, Mouse, Cow, Chicken
Application	FC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.
Excitation laser	blue (488 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

Preparation	Purified antibody is conjugated with activated tandem dye of activated Peridinin-Chlorophyll Protein-Cyanine 5.5 (PerCP-Cy™5.5) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Formulation	Stabilizing 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 www.exbio.cz

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