

Anti-beta 2 Microglobulin Antibody [SPM374] (A249747)

Specifications:

Name:	Anti-beta 2 Microglobulin Antibody [SPM374]
Description:	Mouse monoclonal [SPM374] antibody to beta 2 Microglobulin.
Specificity:	This antibody recognizes a protein of 12kDa, identified as microglobulin. Beta-microglobulin non-covalently associates with the 44kDa chain to form the HLA Class I antigen complex. Human eta-microglobulin associated with HLA Class I antigens is expressed on many types of cells including lymphocytes, thymocytes, monocytes, granulocytes, platelets, endothelial cells, and epithelial cells. It is absent on erythrocytes. This MAb is specific to human microglobulin and does not react with non-human primate cells. This antibody reacts with all cell types excluding erythrocytes. The detection of 2microglobulin in body fluids has been used as a tumor marker and for monitoring patients with HIV infection.
Applications:	Flow Cytometry, IF
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml
Reactivity:	Human
Cross Reactivity:	This antibody does not cross react with Non-Human Primates.
Immunogen:	Human PBL's from a T-cell acute lymphoblastic leukemia (T-ALL) patient.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	SPM374
Isotype:	IgG2a
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-beta 2 Microglobulin Antibody [SPM374] - BSA and Azide free (A252927).

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Specifications continued:

Disclaimer:

This product is for research use only. It is not intended for diagnostic or therapeutic use.