

Beta-2 Microglobulin (Renal Failure & Tumor Marker) Antibody

Mouse Monoclonal Antibody [Clone SPM374]

Catalog No	Format	Size
567-MSM1X-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
567-MSM1X-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
567-MSM1X-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	

Product Details	
Clone	SPM374
Gene Name	B2M
Immunogen	Human PBL's from a T-cell acute lymphoblastic leukemia (T-ALL) patient
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a / Kappa
Mol. Weight of Antigen	12kDa
Species Reactivity	Human
Positive Control	Cervix Endometrial HL-60 or HeLa cells. Melanomas and Lymphoma. Carcinoma of Stomach Kidney or Colon.

*Optimal dilution for a specific application should be determined.

Product Images for Beta-2 Microglobulin (Renal Failure & Tumor Marker) Antibody

Specificity & Comments

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.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Cancer, Cardiovascular, Cytokine Signaling, Immuno Oncology, Immunology, Infectious Disease

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.