

Product Datasheet

beta 2-Microglobulin Antibody (SPM374) - Azide and BSA Free NBP2-47701-0.1mg

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-47701-0.1mg

beta 2-Microglobulin Antibody (SPM374) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SPM374
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	12 kDa
Product Description	
Description	Purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS WITHOUT BSA & azide at 1.0 mg/ml.
Host	Mouse
Gene ID	567
Gene Symbol	B2M
Species	Human, Primate (Negative)
Reactivity Notes	Does not react with Non-Human primates.
Marker	Renal Failure & Tumor Marker
Specificity/Sensitivity	Recognizes a protein of 12kDa, identified as b2-microglobulin. Beta-2-microglobulin non-covalently associates with the 44kDa a chain to form the HLA Class I antigen complex. Human beta-2-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 b2-microglobulin and does not react with non-human primate cells. This antibody reacts with all cell types excluding erythrocytes. The detection of beta2 microglobulin in body fluids has been used as a tumor marker and for monitoring patients with HIV infection.
Immunogen	Human PBL's from a T-cell acute lymphoblastic leukemia (T-ALL) patient
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready, Immunofluorescence
Recommended Dilutions	Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunofluorescence 0.5 - 1.0 ug/ml, CyTOF-ready
Application Notes	Optimal dilution for a specific application should be determined.



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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