

# Product Datasheet

## beta 2-Microglobulin Antibody (SPM374) [DyLight 755] NBP2-47701IR

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-47701IR**

beta 2-Microglobulin Antibody (SPM374) [DyLight 755]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	SPM374
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2a Kappa
<b>Conjugate</b>	DyLight 755
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	567
<b>Gene Symbol</b>	B2M
<b>Species</b>	Human, Primate (Negative)
<b>Reactivity Notes</b>	Does not react with Non-Human primates.
<b>Marker</b>	Renal Failure & Tumor Marker
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Human PBL's from a T-cell acute lymphoblastic leukemia (T-ALL) patient
<b>Notes</b>	Dylight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunofluorescence
<b>Recommended Dilutions</b>	Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunofluorescence
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally 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.

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