

# Product Datasheet

## **beta 2-Microglobulin Antibody (246-E9.E7 (same as HLA.ABC.m2)) NBP2-44465-0.1mg**

Unit Size: 0.1 mg

Store at 4C.

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Updated 10/23/2024 v.20.1

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**NBP2-44465-0.1mg**

beta 2-Microglobulin Antibody (246-E9.E7 (same as HLA.ABC.m2))

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	246-E9.E7 (same as HLA.ABC.m2)
Preservative	0.05% Sodium Azide
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	<p>200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA &amp; 0.05% azide. Also available WITHOUT BSA &amp; azide at 1.0 mg/ml. (NBP2-47700)</p> <p>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.</p>
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 beta-microglobulin. Beta--microglobulin non-covalently associates with the 44kDa 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 monoclonal antibody is specific to human beta-2 microglobulin and does not react with non-human primate cells. This antibody reacts with all cell types excluding erythrocytes. Detection of beta-2 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, Immunofluorescence
Recommended Dilutions	Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunofluorescence 0.5 - 1.0 ug/ml
Application Notes	Optimal dilution for a specific application should be determined.



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### **Products Related to NBP2-44465-0.1mg**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP1-50840-0.01mg	Recombinant Human beta 2-Microglobulin His Protein

### **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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