

Product Datasheet

beta 2-Microglobulin Antibody (246-E9.E7 (same as HLA.ABC.m2)) - Azide and BSA Free **NBP2-47700-0.1mg**

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP2-47700-0.1mg

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

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	246-E9.E7 (same as HLA.ABC.m2)
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	12 kDa

Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-44465). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
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, CyTOF-ready, Immunofluorescence
Recommended Dilutions	Flow Cytometry 0.5 - 1 ug/million cells in 0.1 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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Products Related to NBP2-47700-0.1mg

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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