

# Product Datasheet

## beta 2-Microglobulin Antibody (246-E9.E7 (same as HLA.ABC.m2)) [Alexa Fluor™ Plus 405] NBP2-47700AFP405

Unit Size: 0.1 ml

Store at 4C in the dark.

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[technical@novusbio.com](mailto:technical@novusbio.com)

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**NBP2-47700AFP405**

beta 2-Microglobulin Antibody (246-E9.E7 (same as HLA.ABC.m2)) [Alexa Fluor™ Plus 405]

<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>	246-E9.E7 (same as HLA.ABC.m2)
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2a Kappa
<b>Conjugate</b>	Alexa Fluor Plus 405
<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>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 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.
<b>Immunogen</b>	Human PBL s from a T-cell acute lymphoblastic leukemia (T-ALL) patient
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Product Application Details	
Recommended Dilutions	Flow Cytometry, Immunofluorescence, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.



### Novus Biologicals USA

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### Bio-Techne Canada

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### Bio-Techne Ltd

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### General Contact Information

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### 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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