

# Product Datasheet

## beta 2-Microglobulin Antibody (B2M/1118) - Azide and BSA Free NBP2-47702-0.1mg

Unit Size: 0.1 mg

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

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**NBP2-47702-0.1mg**

beta 2-Microglobulin Antibody (B2M/1118) - 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	B2M/1118
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	12 kDa

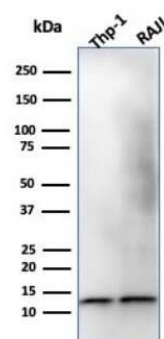
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-44467).  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	567
Gene Symbol	B2M
Species	Human, Primate
Reactivity Notes	Non-Human primates.
Marker	Renal Failure & Tumor Marker
Immunogen	Full length recombinant human beta 2-Microglobulin protein (Uniprot: P61769)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Cell Surface), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 0.5 - 1.0 ug/ml, Flow (Cell Surface) 1:10-1:1000, Immunofluorescence 0.5 - 1.0 ug/ml, CyTOF-ready
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

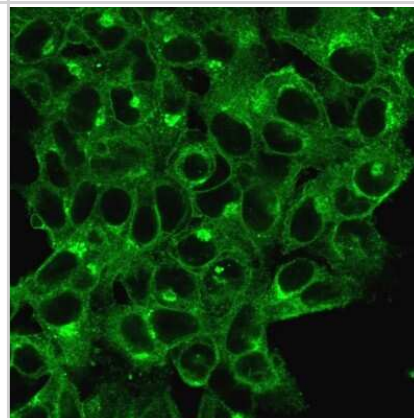


## Images

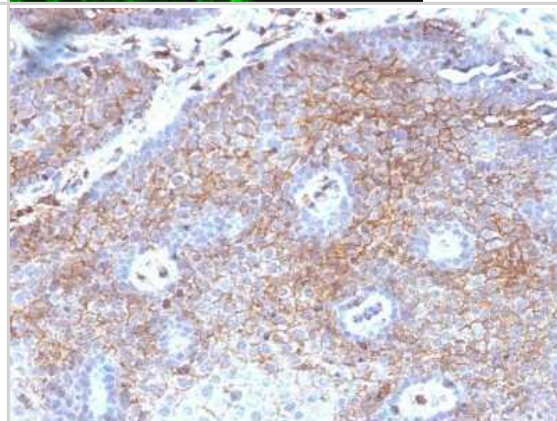
Western Blot: beta 2-Microglobulin Antibody (B2M/1118) - Azide and BSA Free [NBP2-47702] - Western Blot Analysis of THP-1 and Raji Cell lysate using beta 2-Microglobulin Antibody (B2M/1118).



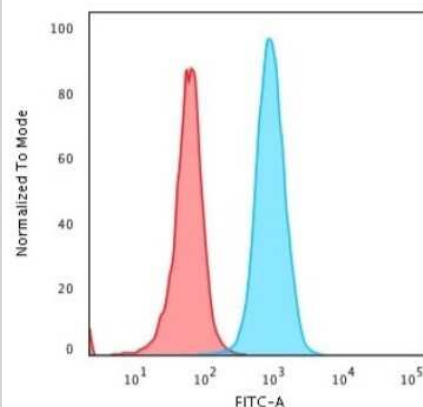
Immunocytochemistry/Immunofluorescence: beta 2-Microglobulin Antibody (B2M/1118) - Azide and BSA Free [NBP2-47702] - Immunofluorescent staining of HeLa cells. beta 2-Microglobulin Mouse Monoclonal Antibody (B2M/1118) followed by goat anti-Mouse IgG-CF488 (Green).



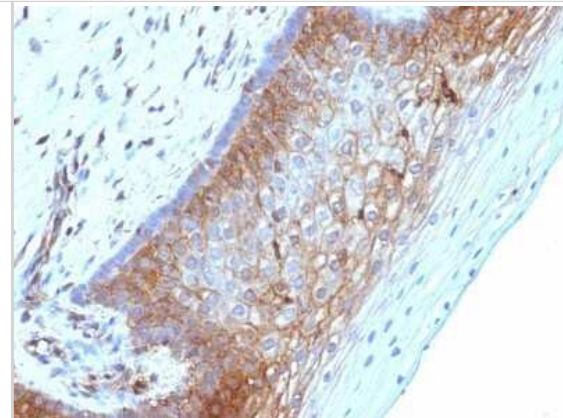
Immunohistochemistry-Paraffin: beta 2-Microglobulin Antibody (B2M/1118) - Azide and BSA Free [NBP2-47702] - Human Cervical Carcinoma stained with Beta-2-Microglobulin Monoclonal Antibody (B2M/1118)



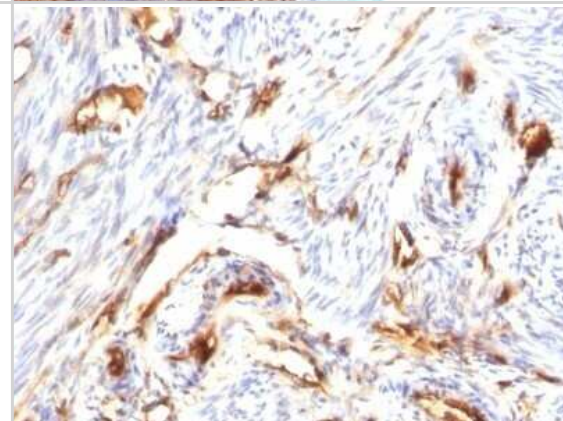
Flow Cytometry: beta 2-Microglobulin Antibody (B2M/1118) - Azide and BSA Free [NBP2-47702] - Flow Cytometric Analysis of HeLa cells using beta 2-Microglobulin Mouse Monoclonal Antibody (B2M/1118); followed by goat anti-mouse IgG-CF488 (Blue); Unstained cells Control (Red).



Immunohistochemistry-Paraffin: beta 2-Microglobulin Antibody (B2M/1118) - Azide and BSA Free [NBP2-47702] - Human Cervical Carcinoma stained with Beta-2-Microglobulin Monoclonal Antibody (B2M/1118)



Immunohistochemistry-Paraffin: beta 2-Microglobulin Antibody (B2M/1118) - Azide and BSA Free [NBP2-47702] - Human Endometrial Carcinoma stained with Beta-2-Microglobulin Monoclonal Antibody (B2M/1118)





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### **Products Related to NBP2-47702-0.1mg**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
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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