

# Product Datasheet

## beta 2-Microglobulin Antibody (B2M/1118) NBP2-44467-0.1mg

Unit Size: 0.1 mg

Store at 4C.

[www.novusbio.com](http://www.novusbio.com)



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

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-44467](http://www.novusbio.com/NBP2-44467)

Updated 10/23/2024 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-44467](http://www.novusbio.com/reviews/destination/NBP2-44467)



**NBP2-44467-0.1mg**

beta 2-Microglobulin Antibody (B2M/1118)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	B2M/1118
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	12 kDa

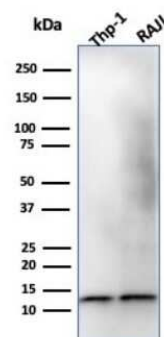
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-47702)  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 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, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunofluorescence
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 1-2 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Immunofluorescence 0.5 - 1.0 ug/ml
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.

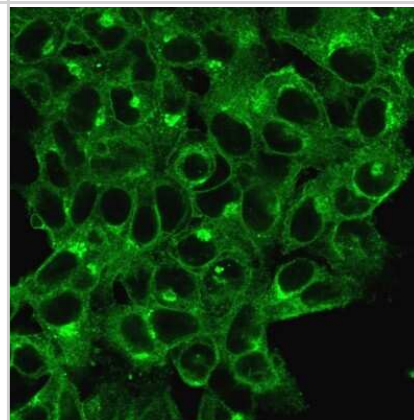


## Images

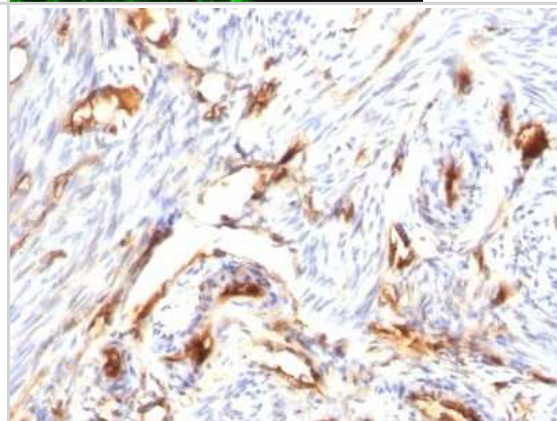
Western Blot: beta 2-Microglobulin Antibody (B2M/1118) [NBP2-44467] - Western Blot Analysis of THP-1 and Raji Cell lysate using beta 2-Microglobulin Antibody (B2M/1118).



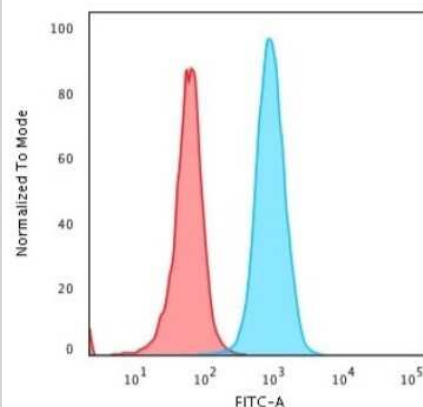
Immunocytochemistry/Immunofluorescence: beta 2-Microglobulin Antibody (B2M/1118) [NBP2-44467] - Immunofluorescent staining of HeLa cells. beta 2-Microglobulin Mouse Monoclonal Antibody (B2M/1118) followed by goat anti-Mouse IgG-CF488 (Green).



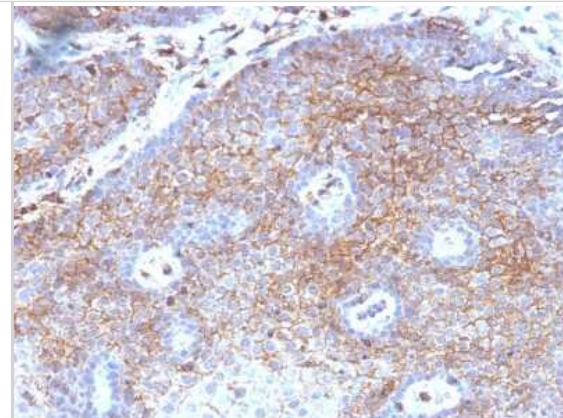
Immunohistochemistry-Paraffin: beta 2-Microglobulin Antibody (B2M/1118) [NBP2-44467] - Human Endometrial Carcinoma stained with Beta-2-Microglobulin Monoclonal Antibody (B2M/1118)



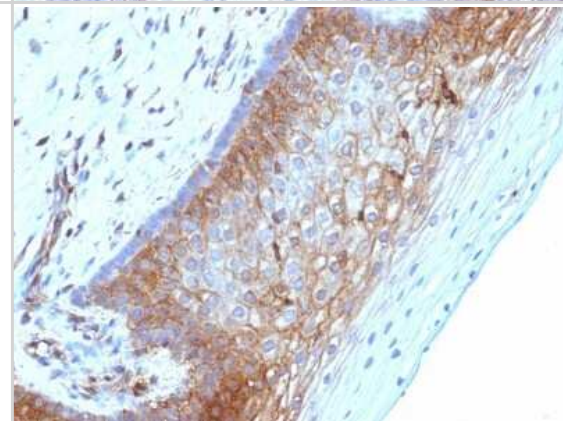
Flow Cytometry: beta 2-Microglobulin Antibody (B2M/1118) [NBP2-44467] - Flow Cytometric Analysis of HeLa cells using beta 2-Microglobulin Mouse Monoclonal Antibody (B2M/1118); followed by goat anti-mouse IgG-CF488 (Blue); Unstained cells Control (Red).



Immunohistochemistry-Paraffin: beta 2-Microglobulin Antibody (B2M/1118) [NBP2-44467] - Human Cervical Carcinoma stained with Beta-2-Microglobulin Monoclonal Antibody (B2M/1118)



Immunohistochemistry-Paraffin: beta 2-Microglobulin Antibody (B2M/1118) [NBP2-44467] - Human Cervical Carcinoma stained with Beta-2-Microglobulin Monoclonal Antibody (B2M/1118)





### **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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-44467-0.1mg**

---

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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-44467](http://www.novusbio.com/reviews/submit/NBP2-44467)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

