

# Product Datasheet

## BST2 Antibody (2E6) H00000684-M15

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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



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

### Publications: 4

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/H00000684-M15](http://www.novusbio.com/H00000684-M15)

Updated 7/16/2023 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/H00000684-M15](http://www.novusbio.com/reviews/destination/H00000684-M15)

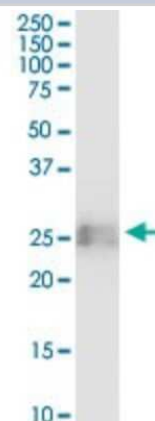


**H00000684-M15****BST2 Antibody (2E6)**

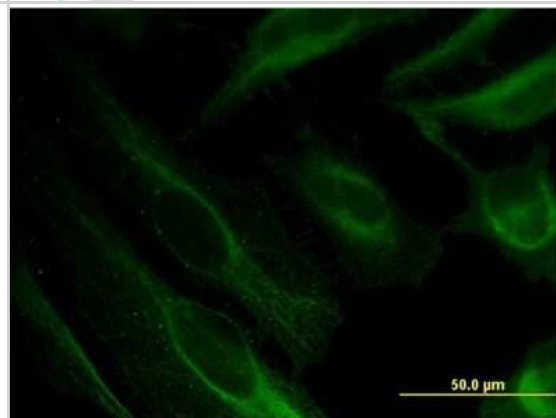
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2E6
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	684
<b>Gene Symbol</b>	BST2
<b>Species</b>	Human, Monkey
<b>Specificity/Sensitivity</b>	BST2 - bone marrow stromal cell antigen 2 (2E6)
<b>Immunogen</b>	BST2 (AAH33873.1, 1 a.a. ~ 180 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MASTSYDYCRVPMEDGDKRCKLLLIGIGILVLLIIVILGVPLIIFTIKANSEACRDGL RAVMECRNVTHLLQQELTEAQKGFQDVEAQAATCNHTVMALMASLDAEKAQG QKKVEELEGEITTLNHLKLDASAEVERLRRENQVLSVRIADKKYYPSSQDSSSA AAPQLLIVLLGLSALLQ
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Sandwich ELISA
<b>Recommended Dilutions</b>	Western Blot 1:500, Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Sandwich ELISA
<b>Application Notes</b>	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

## Images

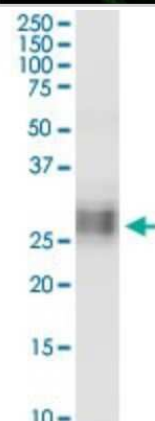
Western Blot: BST2 Antibody (2E6) [H00000684-M15] - Analysis of BST2 expression in human placenta.



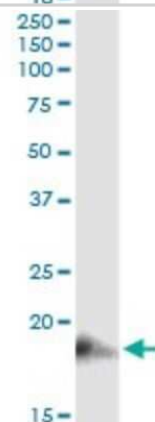
Immunocytochemistry/Immunofluorescence: BST2 Antibody (2E6) [H00000684-M15] - Analysis of monoclonal antibody to BST2 on HeLa cell. Antibody concentration 10 ug/ml



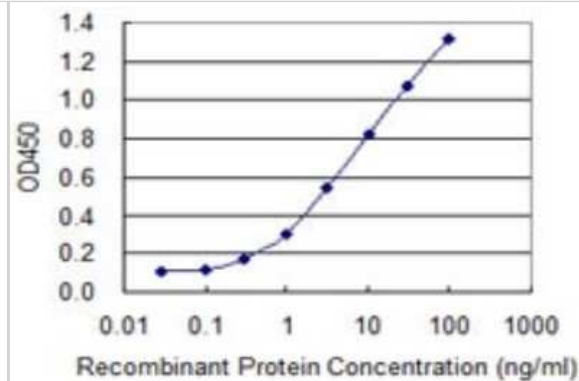
Western Blot: BST2 Antibody (2E6) [H00000684-M15] - Analysis of BST2 expression in HeLa.



Immunoprecipitation: BST2 Antibody (2E6) [H00000684-M15] - Analysis of BST2 transfected lysate using anti-BST2 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with BST2 rabbit polyclonal antibody.



Sandwich ELISA: BST2 Antibody (2E6) [H00000684-M15] - Detection limit for recombinant GST tagged BST2 is 0.1 ng/ml as a capture antibody.



## Publications

Liu Y, Li M, Zhang D et al. HSV-2 glycoprotein gD targets the CC domain of tetherin and promotes tetherin degradation via lysosomal pathway. *Virol J* 2016-09-15 [PMID: 27630089] (WB)

Lv M, Wang J, Wang X et al. Polarity Changes in the Transmembrane Domain Core of HIV-1 Vpu Inhibits Its Anti-Tetherin Activity. *PLoS One*. 2011-06-02 [PMID: 21674066]

Lv M, Zhu Y, Wang J et al. Purification of eukaryotic tetherin/Vpu proteins and detection of their interaction by ELISA. *Protein Expr Purif*. 2013-08-03 [PMID: 23916489]

Lv M, Wang J, Zhang J et al. Epitope Tags beside the N-Terminal Cytoplasmic Tail of Human BST-2 Alter Its Intracellular Trafficking and HIV-1 Restriction. *PLoS One*. 2014-10-27 [PMID: 25347789]



### **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  
novus@novusbio.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: technical@novusbio.com  
Orders: orders@novusbio.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.

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/H00000684-M15](http://www.novusbio.com/reviews/submit/H00000684-M15)

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

