

# Product Datasheet

## BST2 Antibody - Azide Free

### NBP2-45265

Unit Size: 0.1 mg

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

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**NBP2-45265**

BST2 Antibody - Azide Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS

**Product Description**

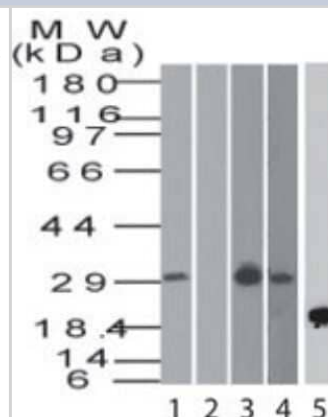
<b>Host</b>	Rabbit
<b>Gene ID</b>	684
<b>Gene Symbol</b>	BST2
<b>Species</b>	Human, Mouse, Rat, Primate
<b>Reactivity Notes</b>	The BST2 amino acid sequence used as immunogen for this antibody is 100% homologous in White-cheeked Gibbon, Great Ape, and Gibbon.
<b>Immunogen</b>	A portion of amino acids 80-130 of human BST2 was used as the immunogen for this antibody.

**Product Application Details**

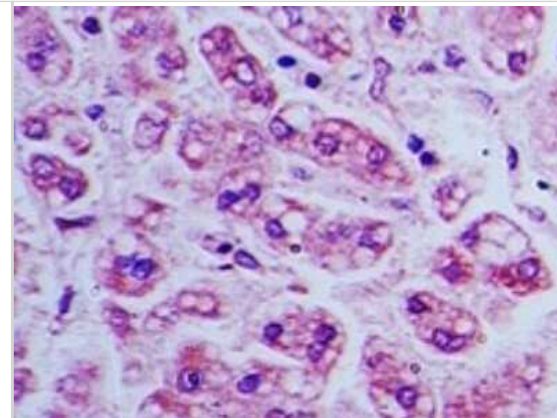
<b>Applications</b>	Western Blot, Simple Western, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 2-4 ug/ml, Simple Western 1:200, Flow Cytometry reported in scientific literature (Crother et al (2011); PMID 21695198), Immunohistochemistry, Immunohistochemistry-Paraffin 5 ug/ml
<b>Application Notes</b>	BST2 is a 180 amino acid protein with an observed molecular weight of approximately 30 kDa in western blotting (see Ishikawa et al, 1995 PMID 7607676). In Simple Western only 10-15 uL of the recommended dilution is used per data point. See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: antibody dilution of 1:200

**Images**

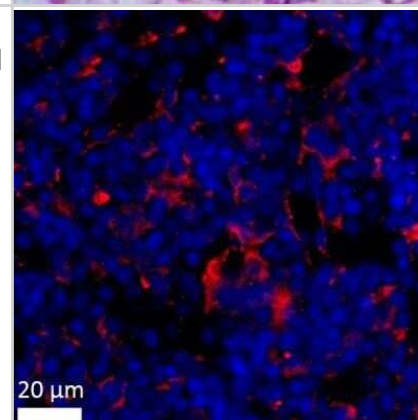
Western Blot: BST2 Antibody - Azide Free [NBP2-45265] - Analysis using BST2 antibody. Human heart in the 1) absence and 2) presence of immunizing peptide, 3) human Jurkat, 4) mouse RAW lysate and 5) recombinant human BST2 protein probed with BST2 antibody at 4 ug/mL. Goat anti-rabbit IgG HRP secondary antibody and PicoTect ECL substrate solution were used for this test. Image using the standard format of this product.



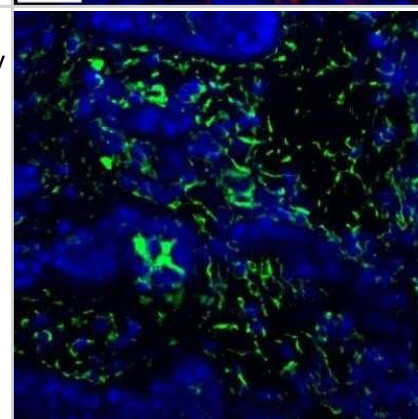
Immunohistochemistry: BST2 Antibody - Azide Free [NBP2-45265] - Analysis of BST2 in human liver tissue using BST2 antibody at 5 ug/mL. Image using the standard format of this product.



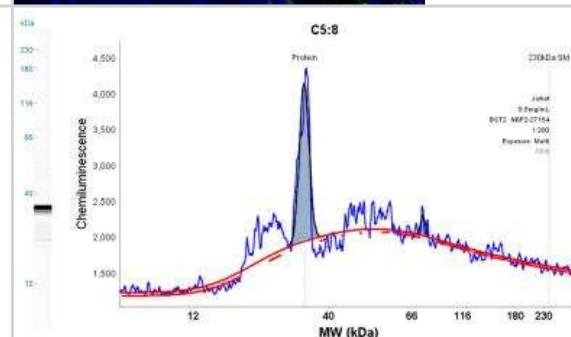
Immunohistochemistry: BST2 Antibody - Azide Free [NBP2-45265] - Mouse femur bone marrow section stained with BST2 antibody (red) and DAPI (blue). Image from a verified customer review. Image using the standard format of this product.



Immunohistochemistry: BST2 Antibody - Azide Free [NBP2-45265] - BST-2 (green) was detected in human skin (nevus) using Ang-2 antibody (1:50; 1 hour) and secondary anti-rabbit-FITC (1:500; 30 min) in PBS. Nuclei were stained with DAPI (blue). Tissue was fixed in acetone. Image from a verified customer review. Image using the standard format of this product.



Simple Western: BST2 Antibody - Azide Free [NBP2-45265] - Lane view shows a specific band for BST2 using 0.5 mg/mL Jurkat cell lysate and antibody at 1:200. Electropherogram image of corresponding Simple Western lane view. Image reported by internal validation.



Simple Western: BST2 Antibody - Azide Free [NBP2-45265] - Simple Western lane view shows a specific band for BST2 in 0.5 mg/ml of Jurkat lysate. This experiment was performed under reducing A246 conditions using the 12-230 kDa separation system. Image using the standard format of this product.





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### **Products Related to NBP2-45265**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-72363-50ug	Recombinant Human BST2 His Protein

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### **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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