

# Product Datasheet

## **BIN1 Antibody (99D)** **NBP2-21673**

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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**NBP2-21673**

BIN1 Antibody (99D)

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	99D
Preservative	0.01% Sodium Azide
Isotype	IgG2b
Purity	Protein A purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

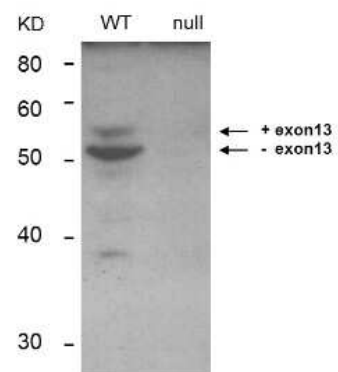
Product Description	
Description	<p>This antibody was purified from clarified mouse ascetic fluid by Protein A chromatography followed by extensive dialysis against the buffer stated above</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Mouse
Gene ID	274
Gene Symbol	BIN1
Species	Human, Mouse
Reactivity Notes	A BLAST analysis was used to suggest cross-reactivity with BIN1 from human and mouse sources based on 100% homology with the immunizing sequence. Cross-reactivity with BIN1 from other sources has not been determined.
Immunogen	BIN1 Antibody (99D) was produced in mouse by repeated immunizations with a fragment portion of recombinant human BIN1 protein followed by hybridoma development. (Uniprot: O00499)

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:1500, Flow Cytometry 0.5-1x10 <sup>6</sup> cells, ELISA 1:5000-1:50000, Immunohistochemistry 1:100-1:500, Immunoprecipitation 10-100 ul, Immunohistochemistry-Paraffin 1:100-1:500
Application Notes	This product has been tested for use in ELISA, IP, and Western Blot. This antibody is suitable for use in IHC and Flow Cytometry. Specific conditions for reactivity should be optimized by the end user.

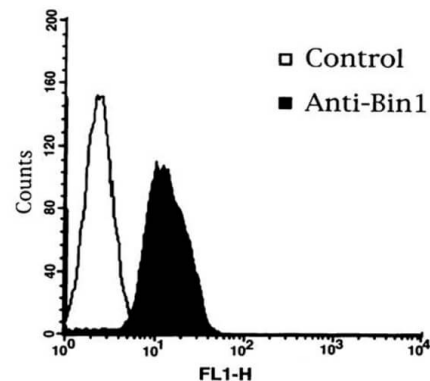


## Images

Western Blot: BIN1 Antibody (99D) [NBP2-21673] - Lane 1: Keratinocyte derived from Bin1 wild type mice. Lane 2: Keratinocyte derived from Bin1 null mice. Load: 35 ug per lane. BIN1 monoclonal Antibody. Secondary antibody: Dye800 mouse secondary antibody at 1:10,000 for 45 min at RT. Block: 1xPBS, 0.4% Tween-20. Other band: non-specific.



Flow Cytometry of Mouse Anti-BIN1 Antibody. Cells: C2C12 cells. Stimulation: none. Primary antibody: Anti-IgD (control), Antibody (99D clone). Secondary antibody: Biotin mouse secondary antibody at 1:10,000 for 45 min at RT and streptavidin PE at 1:5,000 for 30 min at RT.





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### **Products Related to NBP2-21673**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP1-45322-0.1mg	Recombinant Human BIN1 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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