

# Product Datasheet

## **BIN1 Antibody (99F) - BSA Free NBP2-21674**

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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**NBP2-21674**

BIN1 Antibody (99F) - BSA Free

| 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               | 99F                                                                                         |
| Preservative        | 0.01% Sodium Azide                                                                          |
| Isotype             | IgG                                                                                         |
| Purity              | Protein G purified                                                                          |
| Buffer              | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2                                  |

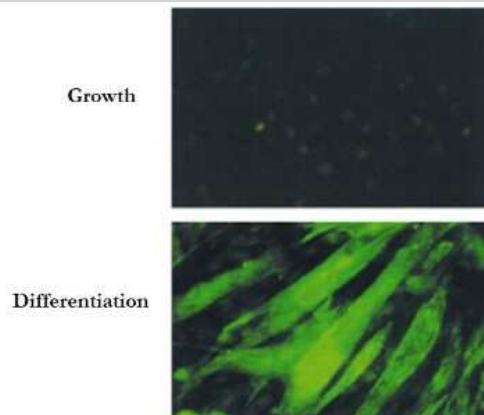
| Product Description |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | <p>This antibody was purified from concentrated tissue culture supernate by Protein G 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    | Cross-reactivity with BIN1 from other sources has not been determined                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Immunogen           | BIN1 Antibody (99F) was produced in mouse by repeated immunizations with BIN1 polypeptide followed by hybridoma development. (Uniprot: O00499)                                                                                                                                                                                                                                                                                                                                                                         |

| Product Application Details |                                                                                                                                                  |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Dot Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation                                                      |
| Recommended Dilutions       | Western Blot 1:500-1:1500, ELISA 1:5000-1:50000, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunoprecipitation 10-100 ul, Dot Blot    |
| Application Notes           | This product has been tested for use in ELISA, Western Blot, IP, and IF. Specific conditions for reactivity should be optimized by the end user. |

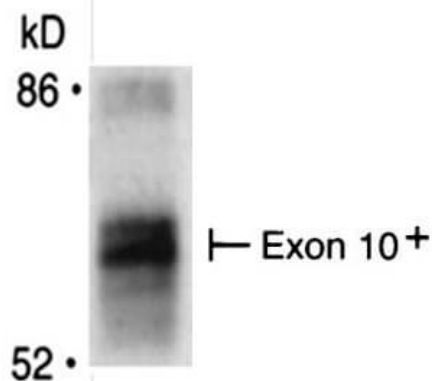


## Images

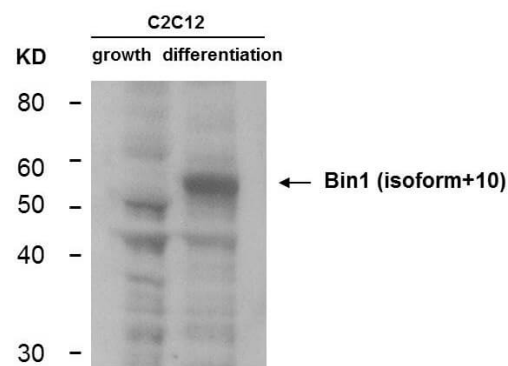
Immunocytochemistry/Immunofluorescence: BIN1 Antibody (99F) [NBP2-21674] - Cells: C2C12 cells during growth or differentiation. Fixation: 0.5% PFA. Antigen retrieval: not required. Primary antibody: BIN-1 (Exon 10 specific, 99F) monoclonal antibody. Secondary antibody: mouse secondary antibody at 1:10,000 for 45 min at RT. Localization: BIN1 is nuclear and cytoplasmic. Staining: BIN 1 as green fluorescent signal.



Immunoprecipitation of Mouse anti-BIN1 antibody. Immunoprecipitates were separated by SDS-PAGE and visualized by fluorography. The differentiation-associated (Exon 10+) form of Bin1 is recognized by using Bin1 (Exon 10 specific, 99F) monoclonal antibody. Lane 1: BIN1 [35ug]. Primary antibody: Anti-BIN1 (Exon 10 specific, 99F) monoclonal antibody at 1:400 for overnight at 2-8C. Secondary antibody: IRDye800(TM) mouse secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4C. Predicted MW: 64.7 kDa. Observed MW: ~65 kDa for BIN-1.



Western Blot of Mouse Anti-BIN1 antibody. Lane 1: C2C12 during growth. Lane 2: C2C12 during differentiation. Load: 35 ug per lane. Primary antibody: BIN1 antibody at 1:400 for overnight at 4C. Secondary antibody: IRDye800(TM) mouse secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4C. Predicted/Observed size: 64.7 kDa, ~55 kDa for BIN-1. Other band(s): non-specific.





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### **Products Related to NBP2-21674**

|                |                                                         |
|----------------|---------------------------------------------------------|
| HAF007         | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B        | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97019-5mg | Mouse IgG Isotype Control                               |
| NBP2-21674UV   | BIN1 Antibody (99F) [DyLight 350]                       |

### **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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